

OVER WHOLESALE
AND
RETAIL
R. MELHUISE

MELHUISE'S

No. 21

CATALOGUE

of

WOOD WORKERS'
TOOLS

MACHINES

AND GENERAL

CONTRACTORS'

APPLIANCES, Etc.

ENQUIRE

WITHIN

AWARDS

1854



1870



GOLD & BRONZE
MEDAL & MEDAL

FOR EXCELLENCE
OF TOOLS & MACHINES.

Nos. 50, 51, 34, FETTER LANE,
HOLBORN CIRCUS, LONDON, E.C.

Established 1828.

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	3 7 11 lb.	feet.	feet.		3 7 11 lb.	feet.	feet.
Abyssinia ...	4/6 4/6 4/6	2	4	Hong Kong ...	1/- 2/- 3/-	3½	6
Aden ...	1/- 2/- 3/-	3½	6	India ...	1/- 2/- 3/-	3½	6
Argentine Republic ...	2/- 3/- 4/-	2	—	Italy ...	1/6 2/- 2/6	2	—
Ascension ...	1/- 2/- 3/-	3½	6	Ivory Coast ...	3/- 3/6 4/-	2	4
Australia ...	Not over 1 lb. 1/- For each additional lb. up to 11 lb. 1/6	3½	6	Jamaica ...	1/- 2/- 3/-	3½	6
Azores ...	1/6 2/- 2/6	3½	6	Japan ...	2/- 3/- 4/-	3½	6
Bahamas ...	1/- 2/- 3/-	3½	6	Labrador ...	(Same as Newfoundland)	—	—
Barbados ...	1/- 2/- 3/-	3½	6	Labuan ...	(Same as Straits Settlements)	—	—
Basutoland, Bechuana- land ...	(See South Africa— Union of)	—	—	Leeward Islands ...	1/- 2/- 3/-	3½	6
Bechuanaland Protec- torate ...	For the first lb. 1/9 For every additional lb. or fraction thereof up to 11 lb. 1/3	3½	6	Liberia ...	2/- 3/- 4/-	3½	6
Belgian Congo ...	2/6 3/- 3/6	3½	6	Madagascar ...	3/- 3/6 4/-	2	4
Belgium ...	1/- 1/6 2/-	3½	6	Madeira ...	1/6 2/- 2/6	3½	6
Bermuda ...	1/- 2/- 3/-	3½	6	Malay States ...	1/- 2/- 3/-	3½	6
Borneo ...	(See British North Borneo, Labuan, Sarawak, and Dutch East Indies)	—	—	Malta ...	1/- 2/- 3/-	3½	6
Brazil ...	3/6 4/- — Limit of weight 6½ lb. (See Nyasaland Protectorate)	2	4	Mashonaland ...	(Same as Rhodesia)	—	—
British Central Africa				Mexico ...	1/- 2/6 3/6	2	6
British East Africa and Uganda ...	1/- 2/- 3/-	3½	6	Morocco ...	1/- 2/- 3/-	3½	6
British Guiana ...	1/- 2/- 3/-	3½	6	Mozambique ...	(See Portuguese East Africa)	—	—
British Honduras ...	1/- 2/- 3/-	3½	6	Newfoundland ...	1/- 2/- 3/-	3½	6
British North Borneo ...	1/- 2/- 3/-	3½	6	New Guinea, British ...	(Same as Australia)	—	—
British Somaliland ...	1/- 2/- 3/-	3½	6	" German ...	3/- 3/6 4/-	3½	6
Cameroons ...	2/3 2/9 3/3	3½	6	New Hebrides ...	—	3½	6
Canada ...	1/- 2/- 3/-	2½	6	New Zealand ...	—	3½	6
Cape of Good Hope ...	(See South Africa— Union of)	—	—	Nicaragua ...	3/- 4/6 6/-	3½	6
Chile ...	2/- 3/- 4/-	3½	6	Nigeria (Northern) ...	1/- 2/- 3/-	3½	6
China ...	2/- 3/- 4/-	2	4	Nigeria (Southern) ...	1/- 2/- 3/-	3½	6
British Agencies	1/- 2/- 3/-	3½	6	Norway ...	1/- 1/6 2/-	3½	6
Colombia ...	2/- 3/- 4/-	3½	6	Nyasaland Protectorate	3/- 4/- 5/-	3½	6
Congo ...	(See Belgian and French Congo)	—	—	Orange Free State ...	(See South Africa— Union of)	—	—
Costa Rica ...	2/- 3/- 4/-	3½	6	Paraguay ...	2/8 4/- — (Limit of weight 7 lb.)	2	4
Cuba ...	2/- 3/- 4/-	2	4	Persia (North) ...	3/9 4/3 4/9	2	—
Cyprus ...	1/- 2/- 3/-	3½	6	Persia (South) ...	2/- 3/- 4/-	3½	6
Danish West Indies	2/- 3/- 4/-	3½	6	Peru ...	2/- 3/- 4/-	3½	6
Denmark ...	1/- 1/6 2/-	3½	6	Philippine Islands ...	(Same as U.S.A., Official Service)	—	—
Dominican Republic	3/- 4/- 5/-	3½	6	Portugal ...	1/6 2/- 2/6	3½	6
Dutch East Indies	3/- 3/6 4/-	2	4	Portuguese East Africa	2/- 2/6 3/-	3½	6
Dutch Guiana ...	2/- 3/- 4/-	3½	6	Portuguese India ...	2/- 3/- 4/-	3½	6
Ecuador ...	2/- 3/- 4/-	3½	6	Portuguese West Africa	2/6 3/- 3/6	3½	6
Egypt ...	1/- 1/9 2/6	3½	6	Rhodesia ...	For each lb. or fraction thereof up to 11 lb. 1/9	3½	6
Falkland Islands ...	1/- 2/- 3/-	3½	6	Russia in Europe ...	2/- 2/6 3/-	3½	6
Fiji Islands ...	Not over 1 lb. 1/- For each additional lb. or fraction thereof up to 11 lb. 1/3	3½	6	St. Helena ...	1/- 2/- 3/-	3½	6
Finland ...	2/3 2/9 3/3	3½	6	St. Kitts ...	See Leeward Islands	—	—
France ...	1/4 1/9 2/2	2	—	St. Lucia ...	1/- 2/- 3/-	3½	6
French Congo ...	3/- 3/6 4/-	2	4	St. Vincent (West Indies)	1/- 2/- 3/-	3½	6
French Guiana ...	3/- 3/6 4/-	2	4	Samoa (Apia) ...	—	3½	6
French Settlements of Oceania ...	5/6 6/- 6/6	2	4	Sandwich Islands (Hawaii) ...	(Same as U.S.A., Official Service)	—	—
French Somali Coast ...	2/3 2/9 3/3	2	4	Sarawak ...	1/- 2/- 3/-	3½	6
French West Indies	3/- 3/6 4/-	2	4	Senegal and Upper Senegal and Niger ...	2/3 2/9 3/3	2	4
Gambia ...	1/- 2/- 3/-	3½	6	Seychelles ...	2/- 3/- 4/-	3½	6
German East Africa ...	3/- 3/6 4/-	3½	6	Siam ...	2/- 3/3 4/6	3½	6
German South-West Africa ...	3/- 3/6 4/-	2	4	Sierra Leona ...	1/- 2/- 3/-	3½	6
Germany ...	1/- 1/6 2/-	3½	6	Soudan ...	(See Egypt and Senegal)	—	—
Gibraltar ...	1/- 2/- 3/-	3½	6	South Africa—Union of	For each lb. or fraction thereof up to 11 lb. 1/9	3½	6
Gold Coast Colony ...	1/- 2/- 3/-	3½	6	Spain ...	1/6 2/- 2/6	3½	6
Grenada ...	1/- 2/- 3/-	3½	6	Straits Settlements ...	1/- 2/- 3/-	3½	6
Guatemala ...	2/- 3/- 4/-	3½	6	Switzerland ...	1/6 2/- 2/6	3½	6
Hawaii (or Sandwich Islands) ...	(Same as U.S.A., Official Service)	—	—	Togoland ...	2/3 2/9 3/3	3½	6
Holland ...	1/- 1/6 2/-	3½	6	Transvaal ...	(See South Africa— Union of)	—	—
Honduras ...	2/- 3/- 4/-	3½	6	Trinidad ...	1/- 2/- 3/-	3½	6
				Turkey ...	1/- 2/- 3/-	3½	6
				Smyrna ...	2/6 3/- 3/6	3½	6
				United States of America	1/6 2/3 3/3	3½	6
				Venezuela ...	3/8 4/1 4/6	2	4
				Zanzibar ...	1/- 2/- 3/-	3½	6

Planes.

MADE OF BEST SELECTED ENGLISH BEECHWOOD, AND FITTED WITH SUPERIOR CAST STEEL CUTTERS.

Our Customers will please note that all our Planes are of the most approved pattern, made only from carefully selected and well-seasoned Beech, cut true with the grain. They will not warp or twist, even after years of use. We recommend them with the utmost confidence as being the best in the trade, both as to material and workmanship.

R. MELHUISH, LTD.

No. 50w.



Smoothing Planes.

Warranted.		With Cut Irons.	With Parallel Irons.
2 in. C.S. Double Iron	...	3/6	3/9 each.
2 1/8 " " "	...	3/9	4/- "
2 1/4 " " "	...	4/-	4/3 "
2 3/8 " " "	...	4/6	4/9 "
2 1/2 " " "	...	5/-	5/3 "
2 3/4 " " "	...	7/3	7/6 "
2 1/2 " With Steel-plated Sole			

No. 50w.



No. 51w. Single Iron Smooth Planes ... 2 in. 2/6, 2 1/8 in. 2/8, 2 1/4 in. 2/10 each.

Thumb Planes with Single Irons.



No. 52w.

	1	1 1/8	1 1/4 in.
Smooth ...	1/9	1/9	1/9 each.
Compass ...	2/2	2/2	2/2 "
Concave ...	2/6	2/6	2/6 "

Improved Pattern Iron Front Smooth Plane.

No. 53w.

Size ...	2 1/8	2 1/4 in.
Price ...	7/6	7/9 each.
Parallel Irons, -/3 each extra.		



No. 54w. Boxwood Smoothing Planes, Double Parallel Irons ... 2 in. 8/6, 2 1/8 in. 8/6 each.
 No. 55w. Boxmakers' Low Pitch Smoothing Planes ... Size 2 in., Single Iron 3/3, Double Iron 4/3 "

Jack Planes.

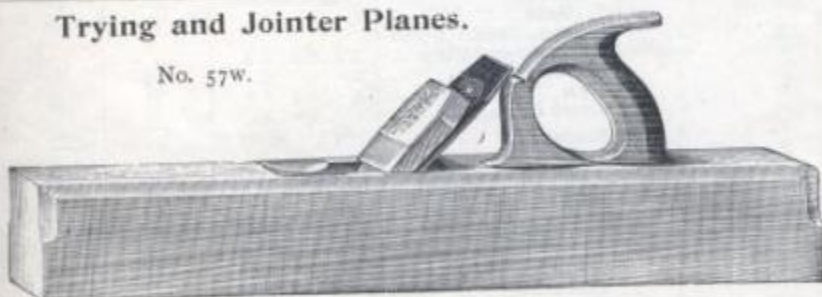
No. 56w.

	2	2 1/8	2 1/4	2 3/8 in.
C.S. Double Irons ...	4/6	4/9	5/-	5/3 each.
" " Parallel Irons	4/9	5/-	5/3	5/6 "
With Try Plane Handles	5/-	5/3	5/6	5/9 "



Trying and Jointer Planes.

No. 57w.



Boxwood Striking Button fitted to above Planes at -/3 each extra.

Trying Planes.

	Double Cut Irons.	Parallel Irons.
20 in. long, 2 1/4 in. Irons	6/6	6/9 ea.
22 " " 2 1/2 " "	6/6	6/9 "
24 " " 2 3/4 " "	6/9	7/- "

Jointer Planes.

	Double Cut Irons.	Parallel Irons.
26 in. long, 2 3/8 in. Irons	7/3	7/6 ea.
28 " " 2 1/2 " "	7/9	8/- "
30 " " 2 3/4 " "	8/3	8/6 "

Quotations given for Complete Equipment as used in Technical Institutions.

Contractors to the Home, Indian, and Colonial Governments.

Selected Bench Planes—Continued.



No. 58w.

Horn pattern Smoothing Plane. 17 in. Best C.S. Double Iron. Price 5/- each.
If with Parallel Irons, -/3 extra.



Horn pattern Jack Plane.

No. 59w. With handle in front, single iron. 12 in. x 10 in. long. Price 3/6 each.
No. 60w. Do., do. 2 in. x 12 in. long. Price 4/3 each.



Technical Jack Plane.

No. 61w.

Special pattern, with striking button, as supplied to Technical Schools throughout the country.

14 in. long x 2 in., Double Irons 5/6 each.

Shooting Planes.

Mitre Plane, 12 in., 2 1/4 in. Iron	...	...	...	3/6 each.
" " Skew Mouth	...	...	...	5/- "
" " Box Front	...	...	...	6/6 "
" " " " best Double Iron	...	...	...	8/6 "
" " 22 in., 2 1/4 in. Single Iron, Square Mouth	...	...	...	11/6 "
" " 22 " 3 " " Part Plated Sole, Square Mouth	...	...	...	16/- "
" " 22 " 3 " " Full Plated Sole, Square Mouth	...	...	...	21/- "

No. 62w.



Illustration of the 22 in. plane.

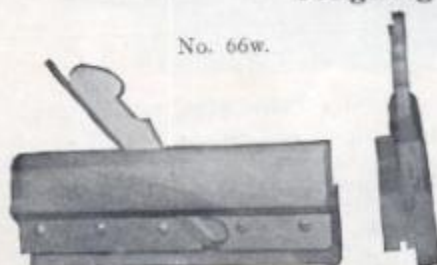
Badger or Skew Planes.

No. 63w. Badger or Skew Plane, with Best C.S. Iron and Brass Nuted Steel Top, 2 1/4 in. Price 8/6 each.
No. 64w. Ditto, ditto, Box Slipped, 2 1/4 in. Price 9/6 each.
No. 65w. Panel Plane, 2 1/4 in. Price 6/6 each.



Tonguing and Grooving or Match Planes.

No. 66w.



Sizes ... 1/2, 3/4, 1, or 1 1/2 in. 1 in.
5/- 5/3 5/6 per pair.

No. 67w.



Adjustable Match Planes, with 3 pair Irons ... Price 11/9 per pair.
Grooving Planes for DRAWER BOTTOMS, Boxed ... " 3/- each.
" " with Sliding Fence ... " 4/6 "



Bronze Medal, 1884.—Gold Medal, 1890.

Coachmakers' Planes.

No. 68w.



Compass.

Concave.

Smooth Plane with Double Iron, $1\frac{1}{2}$ in., Price 3/9

Compass " " " $1\frac{1}{2}$ in., " 4/3

Concave " " " $1\frac{1}{2}$ in., " 4/6

T Rebate Plane.

No. 69w.


Size $1\frac{1}{2}$ in. ... Price 3/3 ea.

Ditto, compassed... " 3/9 "

Compass Planes.

No. 70w.



Compass Plane, 2 in. ... 4/3

Ditto, with Boxwood Stop ... 5/6

Ditto, with Brass Screw

Stop as illustrated ... 8/6

Trenching Plane.

No. 71w.



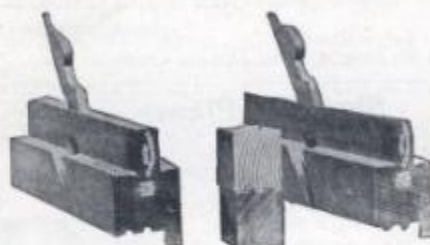
Price, fitted with Brass Stop 6/6

" " Wood " 4/6

All sizes up to $\frac{3}{4}$ in.

Air-Tight Case Planes.

No. 72w.



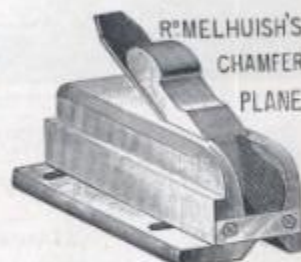
Set of 4 Single ... Price 22/-

" 3 Double ... " 27/6

Hook Joint Dovetailed Box ... " 16/6

Chamfer Plane.

No. 73w.



Price, with Beech Fence ... 5/6

" " Box " ... 7/6

V Plane to $\frac{3}{8}$ in. ... 2/9

Hollow and Rounds.

No. 74w.



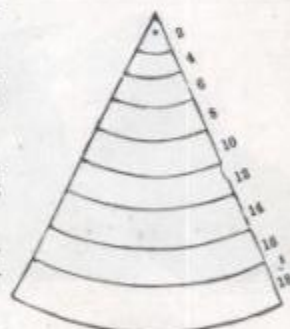
All sizes to No. 12, Square Mouth, 4/- per pair; Skew Mouth, 4/6 per pair.

Above No. 12 to No. 18, Square Mouth, 4/3 per pair; Skew Mouth, 4/9 per pair.

Half set, 9 pairs, Nos. 1-17 or Nos. 2-18, Square Mouth, 35/6 per half set; Skew Mouth, 41/- per half set.

Full set, 18 pairs, Square Mouth, 70/- per full set; Skew Mouth, 79/6 per full set.

Side Rounds ... 5/6 per pair.



Rebate Planes.

No. 75w.

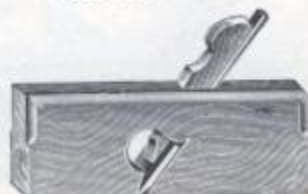
Square Mouth.

All sizes from $\frac{1}{4}$ to $1\frac{1}{4}$ in. ... Price 2/4 each.

$1\frac{1}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$ in.
2/6	2/8	3/- each.

Boxed Edges, 1/6 extra.

Handled Circular Rebate Planes, 11/- per pair.



No. 76w.

Skew Mouth.

All sizes from $\frac{1}{4}$ to $1\frac{1}{4}$ in. ... Price 2/6 each.

$1\frac{1}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$ in.
2/8	2/10	3/2 each.

Shoulder Boxed Edges, 2/6 extra.

Side Rebate Planes, 5/9 per pair.

Tool, Machine, and Hardware Merchants and Manufacturers.

Ploughs.

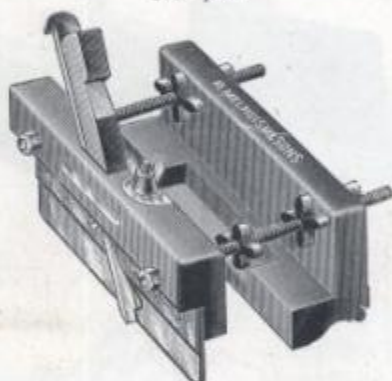
No. 77w.



Wood Stop	...	...	...	...	6 Black Bits	10/6 each.
"	"	...	...	...	8 best Cutting Irons	12/6 "
Best Brass Stop	...	...	...	...		18/- "
Improved Side Stop, Double Hooped Stems	...	...	...	...		21/- "
"	"	"	"	with Skate End	...	22/6 "
"	"	"	"	Boxwood Screw Stems	...	26/6 "

Melhuish's New Pattern.

No. 78w.



New pattern Plough Plane with Quick Acting Adjustment by bright IRON SCREW and BRASS WING NUTS with Screw Stop.

Price 20/-

With Set of 6 Cutters.

Screw Stem, Skate End.

No. 79w.



Improved Adjustable Side Stop, Boxwood Screw Stems and Fence, Solid Handle and Skate End.

Price 30/6 each.

With Set of 8 Cutters.

Moving Fillister.

No. 80w.



Moving Fillister, Brass Slip Stop, Boxed ... 5/6 each

" " Shoulder Boxed and Slip Stop, with best Mortised Tooth... 8/- "

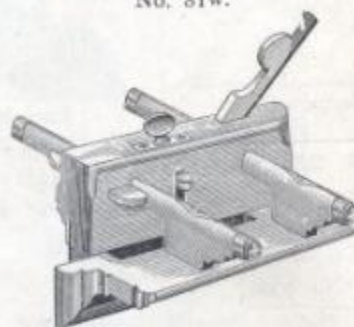
Moving Shoulder Boxed, Slip Stop with improved Fence ... 9/- "

Moving Fillister, Thumb Stop, Wedge Tooth, Improved Fence ... 11/- "

Moving Fillister, Dovetail Boxed ... 13/- "

Sash Fillisters.

No. 81w.



Sash Fillister, Brass Stop ... 10/6 each.

" " Single Hooped Stems ... 12/- "

" " Double Hooped Stems ... 14/- "

" " Left Hand, Wedge Tooth, Shoulder Boxed ... 17/- "

" " Left Hand, Dovetail Boxed ... 20/- "

Boxwood Screw Stems, 3/6 extra.

Orders of 20/- and upwards Carriage paid (with few exceptions).

Bead Planes.



No. 82w.

Bead Planes.

Size	...	...	$\frac{1}{8}$ to $\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	1 in.
Price	...	...	2/6	2/9	3/-	3/6 each.
Slipped	...	...	3/-	3/3	3/3	3/9 "

Bead Planes in Sets.

From $\frac{1}{8}$ to 1 in.

No. 83w.

	Ordinary Beads.	Slipped to $\frac{1}{2}$ in.	Dovetailed Box.	Dovetailed Box, Slipped to $\frac{1}{2}$ in.
Sets of 8	22/-	24/-	30/-	32/- per set.
" 9	25/6	28/-	34/6	37/- "
" 10	28/-	31/-	38/-	41/- "
" 12	33/-	37/-	45/6	49/- "

No. 84w. Cock Beads to $\frac{1}{2}$ in. ... 2/9 each.

Centre Reeding Planes.

No. 85w.

Centre Beads, Boxed	...	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$	1 in.
Price	...	3/4	3/4	3/4	3/4	3/6	3/10	4/3 4/8 5/- ea.
No. 86w. Centre Beads	...	...	...	...	...	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$ in.
Price, 2 Reeds	...	...	...	...	...	5/-	5/-	5/3 ea.
" 3	...	...	...	...	...	5/3	5/3	5/6 "



Moulding Planes.

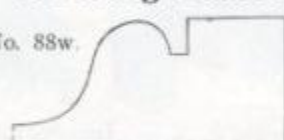
No. 87w.



Common Ogee.

All sizes to	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	1 in.
Price	2/6	2/6	2/9	3/- each.

No. 88w.



Quirk Ogee.

All sizes to	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	1 in.
Price	3/9	4/-	4/3	4/6 ea.
Quirk Ogee and Bead	5/-	5/3	5/6	5/9 "

No. 89w.



Grecian Ogee.

All sizes to	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	1 in.
Price	5/-	5/3	5/6	5/9 each.

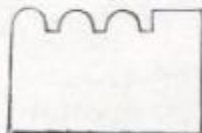
No. 90w.



Common Ovolo.

All sizes to	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	1 in.
Common Ovolo	2/6	2/9	3/-	3/3 each.
Quirk "	3/4	3/7	3/10	4/2 "

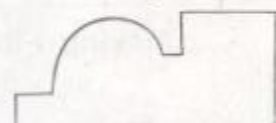
No. 91w.



Reed Plane.

Each Reed	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	1 in.
Price 2 Reeds	4/2	4/2	4/2	ea.
" 3	4/10	4/10	4/10	"
" 4	5/9	5/9	5/9	"

No. 92w.

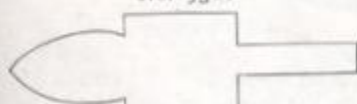


Torus Plane.

All sizes to	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	1 in.
Price	3/-	3/3	3/6	3/9 ea.
Scotia Plane	3/-	3/3	3/6	3/9 "

Sash Planes.

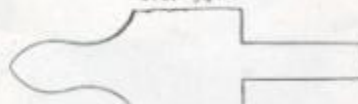
No. 93w.



Gothic Sash.

$\frac{1}{2} \times 1 \frac{1}{2}$	$\frac{1}{2} \times 1 \frac{1}{2}$	$\frac{1}{2} \times 2$ in.
6/6	6/6	7/9 per pair.

No. 94w.



Lamb's Tongue Sash Plane.

$\frac{1}{2} \times 1 \frac{1}{2}$	$\frac{1}{2} \times 1 \frac{1}{2}$	$\frac{1}{2} \times 2$ in.
6/6	6/6	7/6 per pair.

No. 95w.



Ovolo Sash.

$\frac{1}{2} \times 1 \frac{1}{2}$	$\frac{1}{2} \times 1 \frac{1}{2}$	$\frac{1}{2} \times 2$ in.
5/6	5/6	6/- per pair.

Sash Templates, 1/6 per pair; with Brass Ends, 4/- per pair.

A large and varied Stock of Engineers' Tools and Motor Accessories.

American Pattern Wood Planes.

These Planes are carefully made, faced, polished with shellac varnish, and put in working order before leaving the factory. The old-fashioned Wooden Wedge, which many mechanics prefer to the Iron Holder, is used. Irons are warranted, blued at the upper end, ground, and all are tested.

A No. 96w.



- A—Smooth Plane, without Handle, 8 in.
in length, 2 in. Cutter ... each 3/-
- B—Ditto, ditto 8 in.
in length, 2½ in. Cutter ... 3/3
- C—Smooth Plane, with Handle, 10¼ in.
in length, 2 in. Cutter ... 4/3
- D—Ditto, ditto 10½ in.
length, 2½ in. Cutter ... 4/6

No. 97w.

C



Jack Plane.

No. 98w.



16 in. in length, 2½ in. Cutter.

Price 4/- each.

Bailey's Adjustable Combined Iron and Wood Planes.



No. 99w.

Unhandled Wood
Smooth Planes,
with 2 in. Iron.
Price 5/- each.

No. 100w.

Handled Wood
Smooth Planes.

9 in. long, 2 in. Iron,
6/-

10 in. long, 2½ in. Iron,
7/-



Bailey's Jack and Fore Planes.

No. 101w.



15 in. long, 2 in. Iron, 5/6 each.

18 " 2½ " 7/- "

24 " 2½ " 7/6 "

Miscellaneous English Wood Planes (not illustrated).

No. 102w. **Toothing Plane.**

Single Iron, 2 in. wide ... Price 3/- each.

No. 103w. **Spout Plane.**

Double Irons, 2½ in wide " 7/6 "

No. 104w. **Stepnosing Plane** ... " 4/6 "

No. 105w. **Snipe Bill Plane** ... " 3/4 "

No. 106w. **Fork Shaft Plane.**

Single Iron, 2½ in. wide ... " 5/9 "

No. 107w. **Mast or Spar Plane.**

Single Iron, 2¼ in. wide ... Price 4/3 each.

No. 108w. **Spill or Shaving Plane.**

Single Iron ... " 3/6 "

No. 109w. **Neck Mould Plane.**

To ½ in., price 4/-; above, 3d. per ½ in.

No. 110w. **Side Snipe Plane** ... Price 4/- each.

No. 111w. **Face Mould Plane.**

Solid Boxed ... " 6/6 each.

NOTE! Special Attention given to Plane Repairs.

Contractors to the Home, Indian, and Colonial Governments.

Improved English Steel or Wrought Iron Planes.

Of Best Quality and Extra Finish. Specially made for Workers in Hard Woods.

Smoothing.

No. 112W.



Steel Frame, Rosewood Body, Gun-metal Lever.

$1\frac{3}{4}$	2	$2\frac{1}{2}$	$2\frac{1}{4}$ in.
18/6	19/-	19/-	19/6 each.

Smoothing.

No. 114W.



Malleable Iron ...	...	...	2	$2\frac{1}{2}$	$2\frac{1}{4}$ in.
			16/6	17/6	18/- each.

Gun-metal, with Cast Steel Face and fitted with Ebony	...	21/6	22/6	23/6	"
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Steel Panel and Jointer.

With $2\frac{1}{2}$ in. Irons.

No. 116W.



Steel Frame, Rosewood Body, Gun-metal Lever.

$14\frac{1}{2}$	$17\frac{1}{2}$	$20\frac{1}{2}$	$24\frac{1}{2}$ in.
31/-	34/-	35/6	39/6 each.

Broader Irons than $2\frac{1}{2}$ in., 1/- per $\frac{1}{8}$ in. extra.

Handled Smoothing.

No. 113W.



Steel Frame, Rosewood Body, and Gun-metal Fittings.

2	$2\frac{1}{2}$	$2\frac{1}{4}$	$2\frac{3}{8}$ in.
21/-	21/-	21/6	22/- each.

Gun-metal, with Cast Steel Face, Rosewood Body.

2	$2\frac{1}{2}$	$2\frac{1}{4}$ in.
23/6	24/-	24/6 each.

Any of the above with closed handles, 1/6 extra.

Mitre.

No. 115W.



Wrought Iron, Gun-metal Lever, Rosewood Fitted.

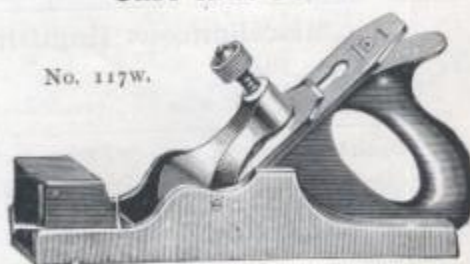
$10\frac{1}{2} \times 2\frac{1}{4}$ in.	18/6 each.
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If with Skewed Mouth, 1/6 extra.

Broader Irons than $2\frac{1}{2}$ in., -/6 per $\frac{1}{8}$ in. extra.

Cast Iron Panel.

No. 117W.



Cast Iron Frame, Rosewood Body, Gun-metal Levers.

9 inches long with $2\frac{1}{4}$ Irons	...	...	18/6 each.
$12\frac{1}{2}$ " " " $2\frac{1}{2}$ "	...	...	27/- "
$15\frac{1}{2}$ " " " $2\frac{1}{2}$ "	...	...	29/- "

Bronze Medal, 1884.—Gold Medal 1890.

British-made Malleable Iron Planes.

Of the Best Materials and Workmanship and practically Unbreakable.

No. 118W.

Smoothing.

Malleable Iron,
with Nickel-plated
Lever.

$7\frac{1}{2} \times 2$ in., $2\frac{1}{2}$ in.,
or $2\frac{1}{4}$ in. iron.

Price ... 15/-



No. 119W.

Panel.

Malleable Iron, with
Nickel-plated Lever.

Price.

$13\frac{1}{2} \times 2\frac{1}{2}$ in. iron 21/-

$15\frac{1}{2} \times 2\frac{1}{2}$ " " 23/-

$17\frac{1}{2} \times 2\frac{1}{2}$ " " 25/-



No. 120W.

Jointers.

Malleable Iron, with Nickel-plated Lever.

$20\frac{1}{2} \times 2\frac{1}{2}$ in.

Price ... 26/- each.



*These Planes are Guaranteed to Work Perfectly even
on the Hardest Woods. Carriage Forward.*

"Stanley" Shute Board and Plane.

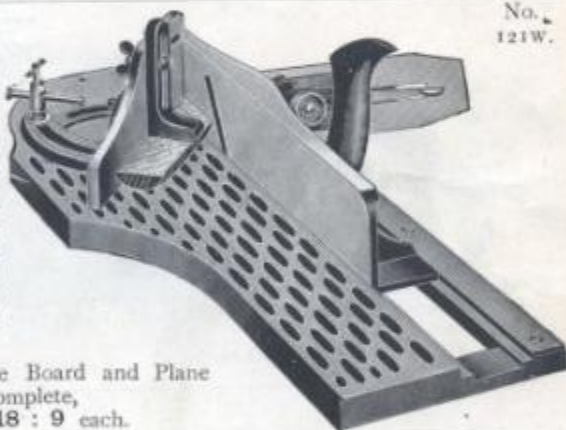
An important tool for Cabinet and Pattern Makers, Printers,
and Electrotypers. The Board, 22 in. long, is of Iron of ribbed
construction, and has an adjustable runway for the Plane. By
means of Clamping Screw the Swivel can be set at any angle from
 0° to 90° . The Sliding Back will support the work close to
Plane and prevent it from splintering.

The Plane, with Rosewood Handle, and specially con-
structed to suit
this Board, has
its Cutter set on
a skew, making
a smooth keen
cut.

Price of Shute Board and Plane
complete,
£1 : 18 : 9 each.



No.
121W.



"Stanley" Combination Dovetail, Tongue, and Groove Plane.

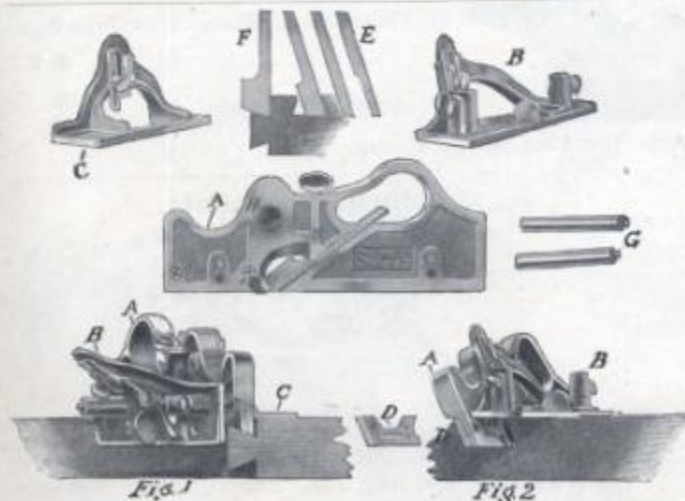
No. 122W.

This Tool with one setting will cut a Dovetail
Groove by means of a Cutter with a horizontal edge,
guided by an oblique fence, at an angle of 20° .

With another setting it will cut a Dovetail Tongue
by means of a Cutter with an oblique edge, also at an
angle of 20° . The cut is guided by two fences at
right angles to each other, one being parallel to one
side of the Cutter.

Both Grooves and Tongues, parallel and taper,
are accurate and perfect fitting. Three sizes of
Cutters are furnished for forming Grooves, the smallest
sizes for $\frac{1}{4}$ and $\frac{3}{8}$ in., the middle size for $\frac{1}{2}$ and $\frac{3}{4}$ in.,
and the largest size for 1 to 2 in. boards.

Price, Nickel-plated and packed in neat wooden box,
22/- each.



Tool, Machine, and Hardware Merchants and Manufacturers.

Bullnose Planes.

Improved English Make.

Bullnose Rebate.

No. 123W.



Nickel-plated, with Rosewood Wedge, 3 in. \times $\frac{3}{8}$ in.
Price 2/6 each.

Malleable Bullnose.

No. 124W.



$\frac{1}{8}$ in. Cutter, Malleable Iron, Japanned, length 3 in.
Price 3/6 each.

Registered Pattern.

No. 125W.



Black Japanned finish, with bright relief, $\frac{1}{8}$ in. iron.
Price 3/9 each.



Patent Adjustable.

No. 126W.



This pattern is of nickel-plated finish, and the $\frac{1}{8}$ in. Cutter can be finely adjusted by milled nut.
Price 6/- each.

No. 127W.

- A. Malleable Iron, 1 in. Price 6/9 each.
B. " " $\frac{1}{8}$ " " 7/- "
C. " " $\frac{1}{4}$ " " 8/- "



- D. Gun-metal and Ebony, 1 in. Price 8/- ea.
E. " " $\frac{1}{8}$ " " 8/6 "
F. " " $\frac{1}{4}$ " " 9/- "

Gun-metal Planes with Steel Face, 2/- each extra.

Stanley Rebate. (American.)

No. 128W.



Iron Stock, 4 in. long, 1 in. Cutter ... Price 1/4 each.
Cutters for same ... " -/4 "

Adjustable Rebate. (American.)

No. 129W.



Nickel-plated, 4 in. long, 1 in. Cutter ... Price 7/6 each.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

Best English Shoulder Planes.

No. 130W.



STEEL OR WROUGHT IRON.

8 x 1	8 x 1 1/8	8 x 1 1/4	8 x 1 1/2 in.
15/-	15/6	16/-	17/- each.

If with Skew Mouth, 1/- extra.

A.	1 1/4 in.	Malleable Iron fitted	Rosewood	14/-	each.
B.	1 1/2 "	"	"	15/-	"
C.	1 3/4 "	Gun-metal	" Ebony	18/-	"
D.	1 1/2 "	"	"	19/-	"
E.	1 1/4 "	" Steel Face	"	21/-	"
F.	1 1/2 "	"	"	22/-	"

Best English Steel Rebate Planes.

No. 131W.



6 x 1/2	7 x 3/4	8 x 1	9 x 1 1/4	9 x 1 1/2 in.
9/6	10/-	10/6	11/-	11/6 each.

9 x 1	9 x 1 1/8	9 x 1 1/4	9 x 1 1/2	9 x 1 3/4 in.
12/-	12/6	13/-	14/-	15/- each.

With Skew Mouth up to 3/8 in. - 1/6 extra; 1/2 to 1 1/4 in. 1/- extra.

WITH TWO IRONS.

8 or 9 x 3/4	9 x 7/8	9 x 1	9 x 1 1/8	9 x 1 1/4	9 x 1 1/2 in.
15/6	16/-	16/6	17/-	17/6	18/6 each.

With Skew Mouth to 3/8 in. 1/- extra.

1/2 to 1 1/2 in. 2/- extra.

Iron Rebate Planes.

No. 132W.



This is a new departure in IRON REBATE PLANES, and is a well-made and highly finished tool, nickel-plated.

It has the tightening screw underneath the lever, thus giving a nice smooth surface for the palm of the hand.

The Cutting Iron is fitted with our Patent Adjustment (which has met with universal approval when applied to other tools) and is readily adjusted by the milled nut; no hammer is required; by simply turning the nut the Iron is adjusted to any cut desired.

Cutter	...	...	3/8	3/4	1	1 1/4	1 1/2 in.
Length	...	...	5	8	8	8 1/4	8 1/2 "
Price	...	...	7/-	13/-	14/-	15/-	16/- each.

Rebate Plane.

No. 133W.



A reliable and inexpensive Rebate Plane. Nickel-plated, finished with Rosewood Wedge.

Size 5 in. x 3/8 in.

Price 5/6 each.

Carriage Maker's Rebate Plane.

No. 134W.



A.	Carriage Maker's Rebate Plane, 9 in. in length, 2 1/2 in. cutter	...	...	8/6
B.	Ditto, 13 in. in length, 2 1/2 in. cutter	...	...	10/-

Contractors to the Home, Indian, and Colonial Governments.

“Stanley” Patent Adjustable Iron Planes.

Fitted with instantaneous clamping device.

Smoothing.

No. 135W.



No. 1.	Smooth Plane,	5½ in. length,	1¼ in. cutter,	5/3 each.
" 2.	"	7	" 1½	" 6/9 "
" 3.	"	8	" 1¾	" 7/- "
" 4.	"	9	" 2	" 7/6 "
" 4½.	"	10	" 2½	" 8/6 "

Jack and Jointer.

No. 136W.



No. 5.	Jack Plane,	14 in. length,	2 in. cutter,	8/6 each.
" 5½.	"	15	" 2¼	" 10/- "
" 6.	Fore Plane,	18	" 2½	" 11/6 "
" 7.	Jointer Plane,	22	" 2¾	" 13/- "
" 8.	"	24	" 3	" 15/6 "

“STANLEY” PATTERN WITH “BED-ROCK” IMPROVEMENT.

In the “Bed-Rock” plane a design has been perfected which effects a combination of the utmost rigidity with a wider range of adjustments than hitherto. The portion of the plane to which are attached the fine adjustments is known as the “Frog,” which in the “Bed-Rock” pattern is made with MACHINED FACE. The frog is also designed so that its entire bottom rests solidly on a seat formed on the plane body. By the new design the sides of the frog also conform to guides formed in the body of the plane, the guides lending accuracy of adjustment to the frog, as well as preventing any possibility of wobbling. A reliable adjustment for width of throat opening is another important feature of the “Bed-Rock” design.



Smoothing.

No. 140W. Smoothing, 8 in. length, 1¼ in. cutter 8/- each.

" 141W.	"	9	" 2	" 8/9 "
" 142W.	"	10	" 2½	" 10/- "

Jack and Jointer.

No. 143W. Jack ... 14 in. length, 2 in. cutter 10/- each.

" 144W.	"	15	" 2¼	" 11/- "
" 145W.	Fore Plane,	18	" 2½	" 12/6 "
" 146W.	Jointer	22	" 2¾	" 14/6 "
" 147W.	"	24	" 3	" 17/- "

Bronze Medal, 1884.—Gold Medal, 1890.

Iron Block Planes.



No. 148w.

Double-ended.



No. 149w.

No.	Length.	Width of Cutter.	Price.	Price with Adjustable Lever, as illustrated.
A.	5½ in.	1½ in.	1/3 each	1/9 each.
B.	7½ "	1½ "	1/9 "	2/6 "

8 in. long, 1½ in. Cutter... 2/6 each.
Extra Cutters ... -/6 "



No. 150w.

Adjustable, 7½ in. in length, 1½ in. Cutter,
2/6 each.

Low Angle.



No. 151w.

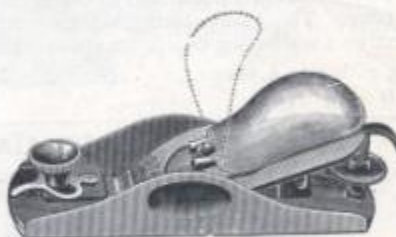
Low Angle, 6 in. in length, 1½ in. Cutter,
4/- each.



No. 152w.

With Lateral and Improved Throat Adjustment.

Knuckle Joint.



No.
153w.

The Knuckle Joint in the Cap makes it a Lever too; and placing the Cap in position will also clamp the Cutter securely in its seat.

No. A.	Black, 6 in. × 1½ in.	...	Price 3/6 each.
" B.	Nickel-plated, 6 in. × 1½ in.	"	4/3 "
" C.	Black, with Rosewood handle...	"	4/6 "

Nickel Trimmings, 6 in. in length, 1½ in. Cutter	4/6 each.
" " 7 " " 1½ " "	4/9 "



No. 154w.

With Adjustable Cutting Iron ... 4/6 each.

Rebate and Block.



No.
155w.

A detachable side will easily change this tool from a Block to a Rebate Plane, or *vice versa*. The Cutter is set on a skew.

7 in. in length, 1½ in. Cutter ... 5/- each.

Tool, Machine, and Hardware Merchants and Manufacturers.

Improved Scrub Plane.

No. 156w.



This tool has a single Iron, with the cutting edge rounded, and is particularly adapted for roughing down before using a Jack or other Plane.

9½ in. long, with 1½ in. Cutter	...	...	3/6 each.
10½ " " 1½ " "	...	...	4/6 "
Cutters only	...	1½ in. 7/8; 1½ in.	7/10 "

Adjustable Scraper Plane.

No. 157w



This tool is used for scraping and finishing Veneers or Cabinet work. It can be used equally well as a Tooth Plane; and will do excellent work in scraping off old paint and glue.

9 in. long, with 3 in. Scraper Blade	...	...	6/9 each.
Toothing Irons, 22, 28 or 32 teeth	...	extra	1/- "
Additional Scraper Blades	...	...	7/8 "

Cabinet Maker's Block Plane.

No. 158w.



For Pianoforte Makers, Cabinet Makers, and kindred trades, where an extra fine tool is required in finishing hard woods, etc.

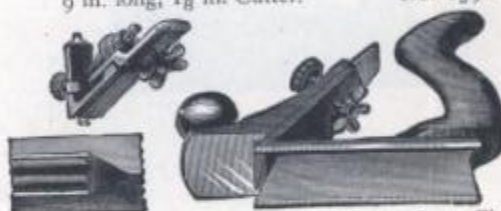
A Metallic Handle, with Slot and Set Screw, is furnished with each Plane, and can be attached to the top of the Plane on either edge. The Plane, turned on its side, will then work perfectly on a shooting-board, for planing mitres, etc.

10 in. long, with 2 in. Cutter	...	...	14/6 each.
Cutters only	...	...	1/- "

Adjustable Chamfer Plane.

9 in. long, 1½ in. Cutter.

No. 159w.



This Plane will do perfect Chamfer or Stop Chamfer work of all ordinary widths.

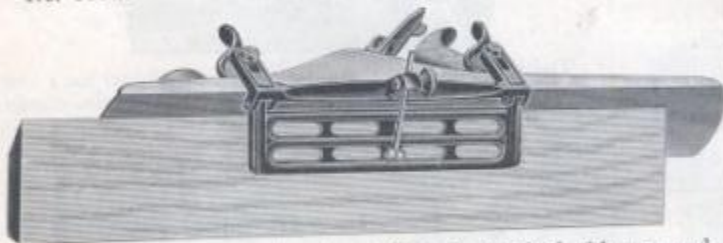
For Beeding, Reeding, or Moulding a Chamfer, an additional attachment is furnished with six cutters, sharpened at both ends, including a large variety of ornamental forms.

Price 7/3 each. With Beading Attachment,	11/6 each.
Extra Cutters...	7/8 each.

The Perfect Jointer Gauge.

No. 160w.

For Wood or Iron Planes.



For planing squares or bevels, and can be attached with ease and rapidity to either iron or wood planes.

The arms are slotted to provide for adjustment to the varying heights of iron planes, and adjusting bolts upon which eccentric cams revolve are secured in these slots.

By a partial revolution of the cams the gauge can be attached to or removed from an iron plane instantly.

To use a wood plane the cam bolts are removed and round head wood screws are used in the arm slots instead. The desired bevel is secured by raising or lowering the gauge when it is held firmly in place by the milled edge thumb screw.

Price	...	...	6/6 each.
Cheaper Pattern. For Wood Plane	...	...	3/3 "
" " " Iron "	...	...	5/- "

Violin Makers' Planes.

Made in Gun Metal.

No. 161w.



In five sizes, with round and flat faces, one plain and one toothed iron to each.

Width of Iron	5/16	7/16	9/16	1 1/16	1 3/16 in.
Flat face	3/3	3/5	3/10	4/6	5/6 each.
Round	3/5	3/9	4/3	5/3	5/9 "

Orders of 20/- and upwards Carriage Paid (with few exceptions).

Duplex Rebate and Fillister.

No. 162w.



The arm to which the fence is secured can be screwed into either side of the stock, thus making a superior right or left hand Fillister, with adjustable Spur and Depth Gauge. Remove the arm to which the fence is secured, and a Handled Rebate Plane is had, and with two seats for the cutter, so that the tool can be used as a Bullnose Rebate if required.

Iron Stock and Fence, 8½ in. in length, 1½ in. Cutter 5/9 ea.
Cutters for the above Plane... .. -/8 "



Improved Rebate Plane.

No. 163w.



This Plane will lie perfectly flat on either side, and can be used with right or left hand equally well while planing into corners or up against perpendicular surfaces.

Fitted with Depth Gauge and Spur.

- | | | |
|----|--|---------|
| A. | Iron Stock, 8 in. in length, with 1½ in. Spur, | 4/6 ea. |
| B. | " " " " " 1½ " " | 4/6 " |
| | If without Spur, -/9 less. | |
| | Extra Cutters | -/8 ea. |

Adjustable Cabinet Maker's Rebate Plane.

No. 164w.

For fine cabinet work where extreme accuracy is required. The sides and bottom being square with each other, the Plane will lie perfectly flat on either side and can be used right or left.



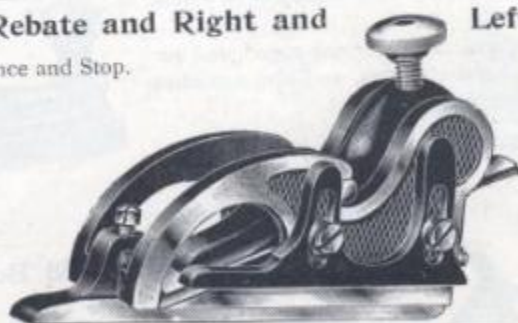
Both the Cutter and width of throat opening are adjustable. The Plane is nickel-plated and fitted with the "Handy" feature for adjusting size of mouth.

- | | | |
|----|-----------------------------------|-----------|
| A. | 5½ in. in length; ¾ in. Cutter... | 7/6 each. |
| B. | 6½ " " 1 " " | 9/- " |
| C. | 7½ " " 1½ " " | 10/9 " |
- Cutters for above, 1/- each.

Patent Iron Bullnose Rebate and Right and

With Fence and Stop.

This handy tool is supplied with Adjustable and Detachable Fence and Stop. The Fence is attachable to the bottom of the plane and is adjustable for forming a Right or Left Hand Fillister. The Stop is attachable to either side of the plane and is adjustable for varying depths of



Left-Hand Fillister Plane.

No. 165w.

rebate. Both Fence and Stop may be entirely detached and the plane used as an ordinary Bullnose plane.

The Fence is adjustable from ½ to 1 in. and the Stop to 1½ in.

Price 4/6 each.

Side Rebate Plane.

No. 166w.



A convenient tool for side rebating and trimming dados, mouldings, and grooves of all sorts. A reversible nosepiece gives the tool a form by which it will work close up into corners when required.

Price, 4 in. Right or Left Hand, 3/6 each.

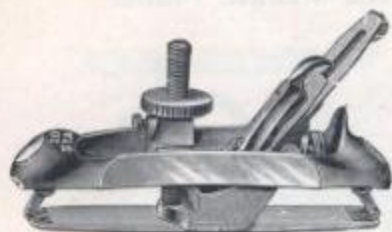
No. 167w.



A large and varied Stock of Engineers' Tools and Motor Accessories.

Stanley's Adjustable Circular Plane.

No. 168w.



A very superior tool, all its parts are specially designed with the object of eliminating any lost motion due to wear. There are less parts subject to lost motion in this Plane than in any other Circular Plane. The ends of the flexible face being fixed and the force applied at the centre, great accuracy of adjustment is possible and the face is most firmly held in position.

Japanned Finish, $1\frac{1}{2}$ in. Cutter ... 11/9 each.
 Nickel-plated, $1\frac{1}{2}$ " " " ... 14/- "

Circular.

No. 169w.

In this pattern the Flexible Steel Face can be easily shaped to any required arc, either concave or convex, by turning the knob on the front of the Plane.

Size of Cutter, $1\frac{1}{2}$ in. Price 10/4 each.

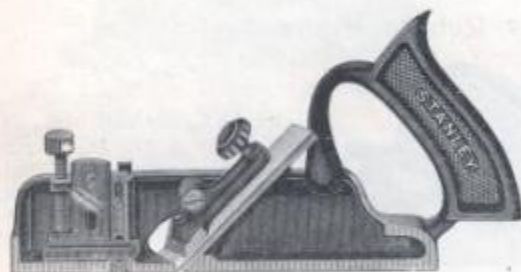
**Improved Dado.**

No. 170w.

The Cutter is set on a skew. Plane is fitted with a Depth Gauge, adjustable by means of a thumbscrew. Also with two adjustable Spurs, which can be adjusted to take up wear as well as for depth of cut.

Cutters ...	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1 in. wide.
	5/9	5/9	5/9	5/9	5/9	5/9	5/9 each.

Extra Cutters, -/8 each.

**Tonguing and Grooving.**

The Plane has two separate cutters, a suitable distance apart. When the guide, or fence, is set as shown, both cutters work and a tongue can be made.

The fence is hung on a pivot, and can be swung round, end for end. This movement covers one of the cutters, and also furnishes a guide for grooving an exact match for the tongue.

- A. Nickel-plated Stock and Fence, for $\frac{3}{4}$ to $1\frac{1}{2}$ in. boards... 9/6 each.
 B. Ditto, for $\frac{3}{8}$ to $\frac{3}{4}$ in. ... 9/6 "



No. 171w.

Patent Combined Beading and Matching.

No. 172w.

This tool for ordinary beading or for centre beading cannot be surpassed. By adjustment of the fence, centre beading can be done up to five inches from the edge of a board. Except for working across the grain, the spurs need not be used.

With each Plane are furnished Beading Tools ($\frac{1}{8}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, and $1\frac{1}{2}$ in.), and a pair of $\frac{1}{4}$ in. Matching Tools.

With Nickel-plated Stock and Fence... 16/6 each.



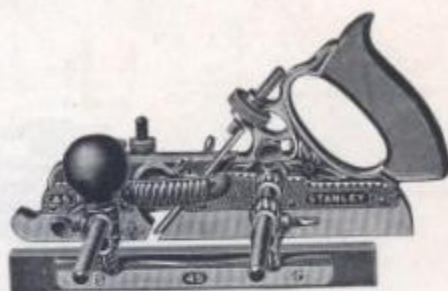
Contractors to the Home, Indian, and Colonial Governments.

Instable Beading, Rebate, and Matching Plane.

This Plane combines a main stock and a sliding section, so arranged that Cutters of different widths can be used. Each Plane is fitted with adjustable Fence or Guide and a Depth Gauge, and also with Spurs for use in working across the grain. Can be used right or left hand.

This Plane embraces (1) Beading and Centre Beading; (2) Rebate and Fillister; (3) Dado; (4) Plough; (5) Matching; (6) Sash; and (7) a superior Slitting Plane.

Each Plane has seven Beading Tools ($\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{8}$, and $\frac{1}{2}$ in.), ten Plough and Dado Bits ($\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, and $\frac{7}{8}$ in.), a Slitting Blade, a Tonguing Tool, and a Sash Tool.



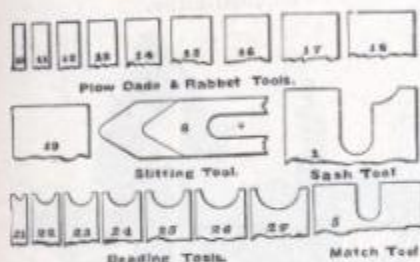
No. 173W.

Nickel-Plated.

COMPLETE WITH TWENTY TOOLS, BITS, ETC.

Price ... 29/6 each.

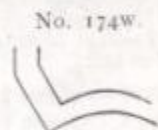
. Of the Cutters for Plane No. 177w, Nos. 2, 6, 9, 28, 29, 31, 32, 33, 34, 35, 36, 37, 38, 212, 213, 214, 215, 222, 223, 224, 225, 232, 233, 234, and 235, in addition to the twenty sold with the Plane, will work in Plane No. 173w. The other Cutters for No. 177w *cannot* be used in No. 173w.



Hollows and Rounds for above Plane.

By substituting a specially formed detachable bottom, as shown in cut, for the sliding section mentioned above, cutters known as "Hollows" and "Rounds" may be used to advantage. A special bottom is required for each size of these tools. The following sizes can be furnished:

No. 6.	$\frac{1}{2}$ in.	Cutter, works a segment of a $\frac{3}{4}$ in. circle	...	4/9	per pair.
" 8.	$\frac{3}{8}$	" "	1 "	4/9	"
" 10.	$\frac{1}{4}$	" "	1 $\frac{1}{4}$ "	4/9	"
" 12.	1	" "	1 $\frac{1}{2}$ "	4/9	"
Cutters for above				...	-/8 each.



No. 174W



Nosing Tool for Plane No. 173w.

No. 175W.

[illegible]

Reeding Tools for Above.

No. 176W

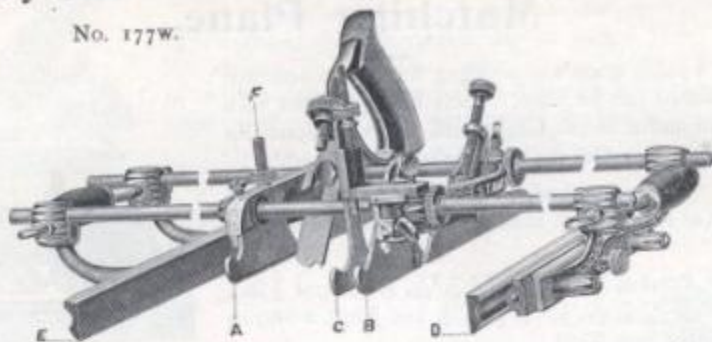
Reeding Tools for Above.										No. 170w				
										2	3	4	5	Beads.
Size of Beeds	$\frac{1}{8}$ in.	...	...	...	...	...	...	...	...	-10	1/3	1/8	2/-	each.
"	"	$\frac{3}{16}$ in.	...	...	...	...	...	...	...	-10	1/3	1/8	2/-	"
"	"	$\frac{1}{4}$ in.	...	...	...	...	...	...	...	-10	1/3	1/8	2/-	"

Bronze Medal, 1884.—Gold Medal, 1890.

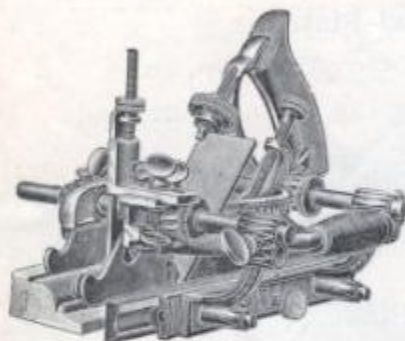
Universal Combination Plane.

A Thoroughly Good Tool extensively adopted by Practical Workmen.

No. 177W.



The Plane adjusted for making Mouldings.



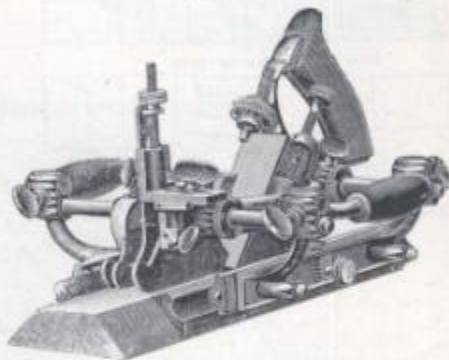
Containing the following Planes:

MOULDING, MATCH,
SASH, CHAMFER,
BEADING, REEDING,
FLUTING, HOLLOW,
ROUND, PLOUGH,
DADO, REBATE,
and FILLISTER;
also SLITTING CUTTER.

Price complete in box,

£2:19:0

The Plane adjusted for Chamfer, to the required angle.



The Plane is nickel-plated; the 52 cutters are arranged in four separate cases; and the entire outfit is packed in a neat wooden box.

This Plane consists of:—

A MAIN STOCK (A) with two sets of transverse sliding arms, a depth gauge (F) adjusted by a screw and a slitting cutter with stop.

A SLIDING SECTION (B) with a patent vertically adjustable bottom.

THE AUXILIARY CENTRE BOTTOM (C) is to be placed in front of the cutter, as an extra support or stop, when needed. This bottom is adjustable both vertically and laterally.

FENCES D AND E. Fence D has a lateral adjustment by means of a screw, for extra fine work. The fences can be used on either side of the Plane, and the rosewood guides can be tilted to any desired angle, up to 45°, by loosening the screws on the face. Fence E can be reversed for centre beading wide boards.

AN ADJUSTABLE STOP to be used in beading the edges of matched boards is inserted on the left-hand side of sliding Section (B).

By means of the patent adjustable bottom and the auxiliary centre bottom it is possible to use a cutter of practically any shape with this Plane.

Each Plane is sold with the Fifty-two (52) Cutters marked ♦ in upper part of next plate.

Cutters shown in lower plate will be furnished to order. Cutters are shown one-half size. Style, sizes, and prices are given on opposite page.

DIRECTIONS.

MOULDING PLANE.—Insert a cutter and adjust bottom of sliding section (B) to conform to the shape of the cutter; then, by means of the two check-nuts on the transverse arms, fasten this section firmly—*before tightening* the thumb-screws which secure the sliding section to the arms.

When needed, adjust auxiliary centre bottom (C) for an additional support in front of the cutter. By tilting the rosewood guides on Fences D and E, mouldings of various angles may be formed.

MATCH, SASH, BEADING, REEDING, FLUTING, HOLLOW, ROUND, PLOUGH, REBATE, AND FILLISTER PLANE.—Use in the same manner as for mouldings. In working match and sash cutters, the auxiliary centre bottom (C) may be used as a stop.

DADO.—Remove the fences (D and E) and set the spurs parallel with the edges of cutter. Insert long adjustable stop on left-hand side of sliding section.

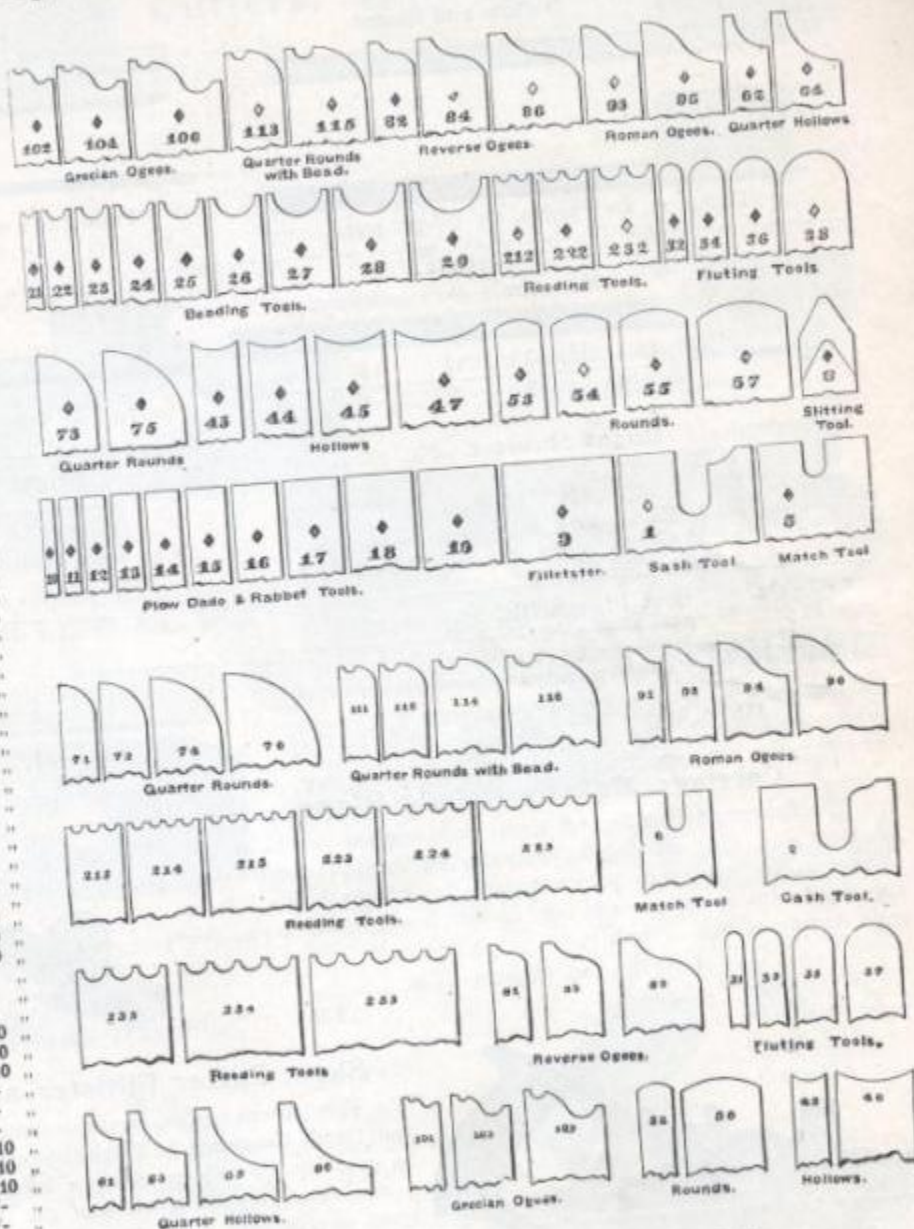
SLITTING PLANE.—Insert the cutter and stop on right-hand side of main stock, and use Fence D or E for guide.

CHAMFER.—Insert the desired cutter; fasten a fence on each side of the Plane, and tilt the rosewood guides to required angle. For chamfer beading, use in the same form as above, and feed the cutter down gradually by use of thumb-nut for adjustment.

Tool, Machine, and Hardware Merchants and Manufacturers.

Cutters for Stanley Patent Universal Plane No. 177W.

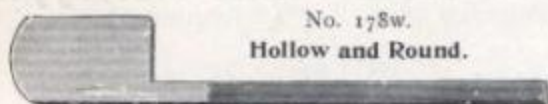
No.	Size.	Style.	2/- each.
1	1 1/2 in.	Sash Tool ...	2/-
2	1 1/2 in.	Match " ...	2/-
3	1 1/2 in.	Shifting Tool ...	2/-
4	1 1/2 in.	Fillister ...	1/3
5	1 1/2 in.	Plough & Dado Tool ...	1/-
6	1 1/2 in.	" " " " " "	-8
7	1 1/2 in.	" " " " " "	-8
8	1 1/2 in.	" " " " " "	-8
9	1 1/2 in.	" " " " " "	-10
10	1 1/2 in.	" " " " " "	-10
11	1 1/2 in.	" " " " " "	-10
12	1 1/2 in.	" " " " " "	-10
13	1 1/2 in.	" " " " " "	-10
14	1 1/2 in.	" " " " " "	-10
15	1 1/2 in.	" " " " " "	-10
16	1 1/2 in.	" " " " " "	-10
17	1 1/2 in.	" " " " " "	-10
18	1 1/2 in.	" " " " " "	1/-
19	1 1/2 in.	Bead Tool ...	-8
20	1 1/2 in.	" " " " " "	-8
21	1 1/2 in.	" " " " " "	-8
22	1 1/2 in.	" " " " " "	-10
23	1 1/2 in.	" " " " " "	-10
24	1 1/2 in.	" " " " " "	1/-
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96	1 1/2 in.	" " " " " "	1/3
97	1 1/2 in.	" " " " " "	1/3
98	1 1/2 in.	" " " " " "	1/3
99	1 1/2 in.	" " " " " "	1/3
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101	1 1/2 in.	" " " " " "	1/3
102	1 1/2 in.	" " " " " "	1/3
103	1 1/2 in.	" " " " " "	1/3
104	1 1/2 in.	" " " " " "	1/3
105	1 1/2 in.	" " " " " "	1/3
106	1 1/2 in.	" " " " " "	1/3



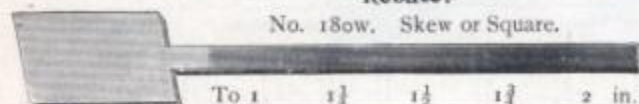
No.	Size.	Style.	2/- each.
215	1 1/2 in.	Reed Tool, 5 Beads...	-10
222	1 1/2 in.	" " " " " "	1/3
223	1 1/2 in.	" " " " " "	1/8
224	1 1/2 in.	" " " " " "	2/-
225	1 1/2 in.	" " " " " "	-10
232	1 1/2 in.	" " " " " "	1/3
233	1 1/2 in.	" " " " " "	1/8
234	1 1/2 in.	" " " " " "	2/-
235	1 1/2 in.	" " " " " "	2/-

Orders of 20/- and upwards Carriage Paid (with few exceptions).

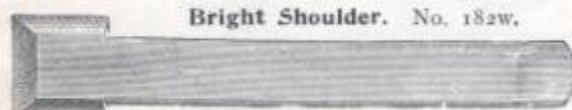
Cutters for Planes, Assorted.

No. 178w.
Hollow and Round.

To No. 12, 1/-; to No. 18, 1/3 per pair.

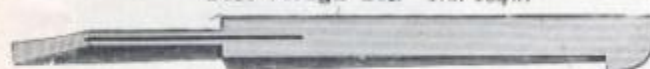
Rebate.
No. 180w. Skew or Square.

To 1	1 1/4	1 1/2	1 3/4	2 in.
-/4 1/2	-/5	-/5 1/2	-/6	-/7 ea.



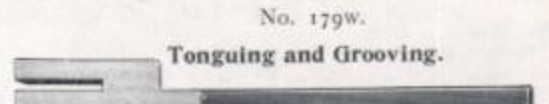
Bright Shoulder. No. 182w.

To 1 1/4 in., -/8 1 1/2 in., -/9 each.

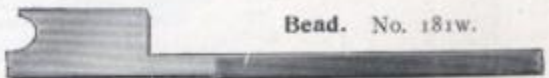


Best Plough Bit. No. 184w.

1/8	3/16	1/4	5/16	3/8	7/16	1/2	9/16	in.,	-/7 each.
The Set of 8, 4/6									

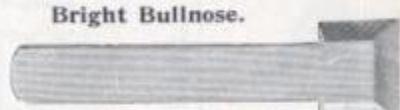
No. 179w.
Tonguing and Grooving.

From 3/8 to 1 in. ... -/10 per pair.



Bead. No. 181w.

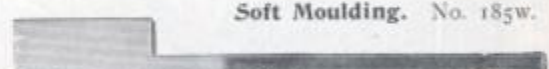
To 1/2 in., -/9 3/4 in., -/10 1 in., -/11



Bright Bullnose.

No.
183w.

To 1 1/4 in. ... -/7 each.



Soft Moulding. No. 185w.

To 1 in., -/3 1 1/2 in., -/4 2 in., -/5

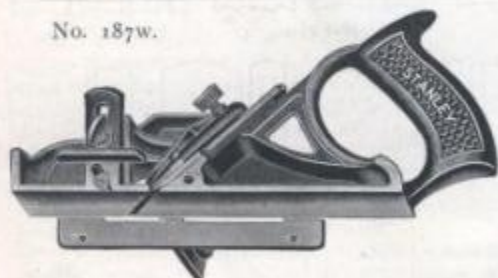
Carriage Maker's Rebate Plane.

The Rosewood Handle and Knob on this plane can be turned to either side, thus allowing ample room for the workman's hands when working close up to perpendicular sides of any height. It is also fitted with spurs on each side so that it will rabbet across the grain equally as well as with it.

Length, 13 in. Cutter, 2 1/2 in.

Price ... 12/9

No. 187w.



No. 186w.

Skew Cutter Fillister and Rebate Plane.

This pattern has an extra wide cutter set on a skew. The Fence and Depth Gauge can be attached to either side so that the plane can be used equally well for right- or left-hand work. The Fence slides under bottom regulating width of cut. The Plane has two adjustable spurs, one on each side. By removing the Depth Gauge, Fence, and Arm, a superior Rebate Plane is obtained.

Length, 8 1/2 in. Cutter, 1 1/4 in.

Price 7/-

CONDITIONS OF WARRANTY.

We warrant all goods bearing our name to be perfect as far as the material and workmanship are concerned. If a tool proves too soft and bends on the edge, or breaks in consequence of a flaw in the steel, and is returned within thirty days from date of purchase, a new tool will be given in exchange. If it is broken where the steel is sound it cannot be exchanged.—R. MELHUISH, LTD.

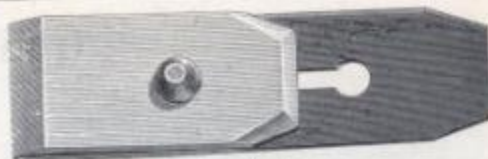
Established 1828.

A large and varied Stock of Engineers' Tools and Motor Accessories.



Plane Cutters.

Sheffield Make.
Fully Warranted.



No. 188w.

No. 189w.

Size...	1 1/2	1 3/4	2	2 1/8	2 1/4	2 3/8	2 1/2	2 5/8	2 3/4 in.
C.S. Single Cut Irons	-7	-7 1/2	-8	-8 1/2	-9 1/2	-10 1/2	-11	1/2	1/3 each.
" Double "	1/1	1/2	1/3	1/4	1/5	1/6	1/8	1/10	2/-
" Single Cut Parallel "	-9	-10	-10	-10 1/2	1/-	1/1	1/2	1/3	1/5 "
" Double "	1/3	1/4	1/5	1/6	1/7	1/10	1/11	2/-	2/3 "
" Bright Double Parallel Irons with Flush Top Irons for Iron Planes "	—	—	1/8	1/9	1/10	2/-	2/2	—	—

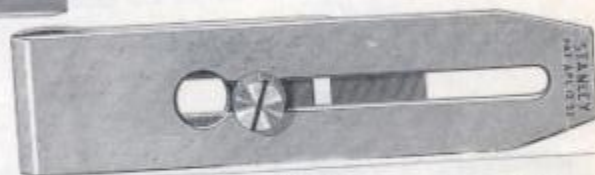
First Quality Cutters for American Planes.

No. 191w.

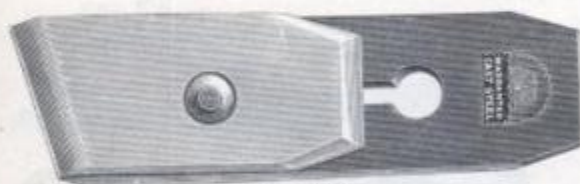


No. 190w.

Size ...	1 1/2	1 3/4	1 3/4	2	2 1/8	2 1/4	2 3/8	2 1/2	2 5/8	2 3/4 in.
Single...	-9	-10	-11	1/-	1/1	1/2	1/3	1/4	each.	
Double	1/4	1/5	1/6	1/8	1/10	1/11	2/-	2/1	per pair.	



C.S. Skew Plane Iron.



No. 192w.

Skew Badger Irons, Single,	2 1/4 in.	1/7,	2 3/8 in.	1/1 each.
" " " Double,	"	1/9	"	1/10 pair.

C.S. Tooth Plane Iron.

No. 192 1/2 w.



2 1/2 in., Fine, Medium or Coarse.
-11 each.

Spokeshave Irons.



No. 193w.

Up to	...	2 1/2	3	3 1/2 in.
Price	...	-4	-4 1/2	-5 1/2 each.

Beech Plane Handles.

No. 194w.



Open
Jack Plane Handle.
-6 each.



No. 195w.

Closed
Try Plane Handle.
-7 each.

Japanned Malleable.

No. 196w.



Smooth
Plane
Handle.
-4 each.

Double End Match Plane.

No. 197w.



For Grooving and Tonguing. With one side Tongues can be cut, and by reversing ends Grooves can be cut to fit. Length 9 in. Nickel-plated.									
Matches	1/2 in.	Boards and cut	Grooves	1/2 in.	...	...	...	...	7/6 each.
"	5/8	"	"	5/8	"	...	...	...	7/6 "
"	3/4	"	"	3/4	"	...	...	...	7/6 "

Export Orders have the attention of our experienced men, and a wide knowledge of the various manufactures enables us to execute all foreign orders and commissions efficiently and satisfactorily. We are always pleased to receive communications from our clients abroad.—RICHARD MELHUISH, LTD., London, E.C.

Contractors to the Home, Indian, and Colonial Governments.

Iron Spokeshaves.

No. 198w.



10 in. long, with $2\frac{1}{8}$ in. Double Cutter and Raised Handles.

Price -/9 each.

Extra Iron -/3 each.

No. 199w.



10 in. long, with $2\frac{1}{8}$ in. Adjustable Cutter.

Price 1/- each.

Double Iron Hollow-face.

No. 200w.



10 in. x $2\frac{1}{8}$ in.

Price 1/3 each.

Hollow and Straight.

No. 201w.



With $1\frac{1}{2}$ in. Cutters. Price 1/- each. Cutters -/3 each.

No. 202w.



Patent Adjustable (Malleable).

This is a handsomely finished nickel-plated pattern, the Cutting Iron being readily adjusted by means of the milled nut. The Cutting Iron can also be adjusted sideways for setting the edge perfectly square with face.

Price 2/9 each.

Extra Iron -/3 "

Adjustable.

No. 203w.

As illustrated	...	...	...	...	2/3 each.
Ditto, with Rounded Face	...	...	...	...	2/3 "
Extra Iron	...	...	...	...	-/7 "



Round Face.

No. 204w.

These are nicely finished, nickel-plated, and will be found very useful for working in small circles.

A size, 1 in. iron, 1/- each. B size, $1\frac{1}{8}$ in. iron, 1/6 each.



Universal.

Both handles are detachable, thus enabling the owner to work into corners or panels. It has two Detachable Bottoms, adapting it equally well to circular work or straight; and, by means of a movable width gauge, the tool can be used in rebating.

Price 5/6 each.



No. 205w.



Bronze Medal, 1884.—Gold Medal, 1890.

Improved Circular Bead Router.

This has two Cutting Irons, and is made in twelve sizes, varying in sixteenths from $\frac{1}{16}$ to $\frac{1}{4}$ in., and in eighths from $\frac{3}{8}$ to 1 in., the whole forming a complete set of Beads, at 38/6 the set complete.

$\frac{1}{16}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1 in.
3/-	3/-	3/-	3/-	3/3	3/3	3/6	3/6	3/9	4/-	4/3	each.

No. 206W.



Common Ovolo Router.

This is similar to the Circular Sash Router, and is made to work both "on" and "down" the moulding.

$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$ in.
3/6	3/6	3/9	3/9	4/- each.

No. 207W.



Improved Circular Lamb-Tongue Sash Router.

This is available to work either right or left. It has two Cutting Irons, and is made in the following sizes, viz. $\frac{1}{4}$, $\frac{3}{8}$, and $\frac{1}{2}$ in., to work either lamb-tongue or ovolo sashes, and can be constructed to work with any Plane Maker's Pattern Mouldings.

Price 3/6 each.

No. 208W.



Improved Circular Rebating and Fillister Router.

No. 209W.



This tool is an accompaniment to the Sash Router, and has one Cutting Iron and two pairs of Adjustable Fences, and can thus be employed as a Rebating or Moving Fillister Router. The Fences are adjusted for working out the Rebate on various thicknesses by means of a groove along which they slide, being firmly fastened by a screw. Fences are adjustable from $\frac{1}{8}$ to $\frac{1}{2}$ inch.

Price 2/9 each.

Patent Adjustment Quirk Router.

The Cutting Irons of the above tool are readily adjusted by means of the milled nut; no hammer is required; by simply turning the nut the irons are adjusted to cut any desired depth.

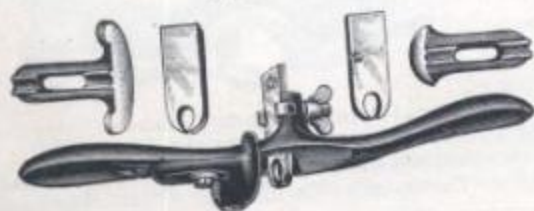
The milled nut also acts as a stop, and prevents the Cutting Iron from being forced back when in use.

Price 4/6 each.

No. 210W.



No. 211W.



Circular Quirk Router.

This tool will work either circular, straight, or against the grain, making a Quirk of uniform size. The Irons, which are capable of being set to any depth, possess two Cutting Teeth, slightly broader than the Cutter in the front of which they work. It has three interchangeable Cutting Irons of various thicknesses, which are easily changed and adjusted by means of a thumbscrew.

Price 3/9 each.

Tool, Machine, and Hardware Merchants and Manufacturers.



Grooving or Depthing Router.

Drawn Half Size.

No. 212W.

For smoothing the bottoms of grooves and depressions below the surface of small woodwork. The Cutting Irons may be used in the centre as shown, or either knob may be removed and Cutting Iron inserted for getting close into corners.

Price 2/6 each.

Adjustable Iron Grooving or Depthing Router, Nickel-plated.

No. 213W.

Drawn about Quarter Size.

For smoothing the bottoms of grooves or cavities below the surface. Two Cutting Irons (one $\frac{3}{16}$ in. and one $\frac{7}{16}$ in.) are supplied with each tool. These are held in position on the upright grooved supports by means of the Collar and Milled Head Screw. They may be used in the position shown in Fig. 1, or fixed and used in the groove on reverse side of centre support. For working close into corners either of the knobs may be removed and the Cutting Iron fixed on one of the end supports as shown in Fig. 2.



Fig. 1.

The Cutting Irons may be adjusted by Milled Nut to the various depths required. When adjusting Cutting Iron slacken Milled Head Screw of Collar.

Price ... 5/6 each.



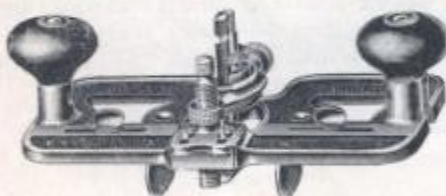
Fig. 2.

Adjustable Iron Grooving or Depthing Router Plane, Nickel-plated.

No. 214W.

Drawn about Quarter Size.

This tool is similar to the foregoing, but has an important addition in the shape of an Adjustable Milled Head Screw Pin and Lock Nut. These are placed in front of Cutting Iron and form a rest and mouth so that the tool works as a Router Plane. Whatever depth is required to be cut the Adjustable Pin can be screwed out to the same depth as the Cutting Iron and locked in position. To compensate for wear of Cutting Iron, the Tool is provided with an Adjustable Sliding Front by means of which the user may always ensure a fine mouth, the result being that



shavings are cut as with a Plane instead of chippings.

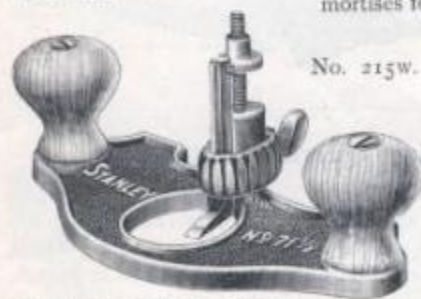
The tool is also provided with Right and Left Hand Movable Fences.

Price ... 7/6 each.



Router Planes.

Perfectly adapted for smoothing the bottoms of grooves, panels, and all depressions below the general surface of any woodwork. The Bits can be clamped to back of upright post and outside stock for planing into corners, routing out mortises for Sash Pulleys, or smoothing surfaces not easily reached with any other tool.



No. 215W.

Nickel-plated Stock, with $\frac{3}{4}$ in. and $\frac{1}{2}$ in. Steel Bits ... 5/6 each.
Cutters only ... 1/- "



Attachment sent with No. 216W.



No. 216W.

Special Open Front pattern, Nickel-plated Stock, with $\frac{3}{4}$ in. and $\frac{1}{2}$ in. Steel Bits ... 7/- each.
Cutters only ... 1/- "

Orders of 20/- and upwards Carriage Paid (with few exceptions).

No. 217W.



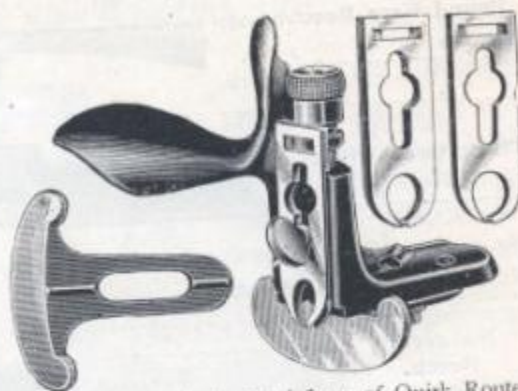
Japanned
finish
with
Bright Parts.

This is a new and entirely novel form of Quirk Router with three cast steel Cutting Irons and two Fences, one for straight and the other for circular work.

The Cutting Irons are readily adjusted by means of the milled nut; no hammer is required; by simply turning the nut the Irons are adjusted to any cut desired.

Price 4/9 each.

No. 218W.



Another new and entirely novel form of Quirk Router, with three cast steel Cutting Irons and two Fences, one for straight and the other for circular work.

The Cutting Irons are readily adjusted by means of the milled nut; no hammer is required; by simply turning the nut the Irons are adjusted to any cut desired.

Price 4/9 each.

Patent Lining or Stringing Routers.

No. 219W.

This will be found a very useful tool to Cabinet and Pianoforte Makers, Fret and other Wood Workers, for inlaying "Strings" and "Bands."



The tool is sent out with 6 Cutters varying in width from $\frac{1}{8}$ in. to $\frac{3}{8}$ in. These are adjusted to the desired depth of cut by means of "Patent Adjustment." It has one fence which is movable and reversible to suit different sweeps of wood.

On very cross-grained wood it would be preferable to gauge lines the width of the "band" before using the broad irons.

Price 3/3 each.

Cutting Irons, -/4 each.

No. 220W.

This tool is similar to the foregoing, and will do the same work, but in addition to the 6 Cutters it is supplied with a Round Adjusting Rod which is provided with two screwed holes and a removable pointed screw pin. This pin may be inserted in either hole and the rod adjusted according to desire.

This combination will be found very useful when inlaying curves. When using the tool for curves, the fence should be entirely removed.

Price 4/6 each.

Cutting Irons -/4 each.



IMPORTANT TO THOSE ORDERING THROUGH SHIPPERS.—In order to ensure getting complete satisfaction, we advise our friends to be careful in giving definite instructions that the goods shall be procured direct from our house. By this means you may be sure of receiving the patterns and quality specified in our Catalogues.—R. MELHUISH, LTD.

A large and varied Stock of Engineers' Tools and Motor Accessories.

Best Quality Wood Spokeshaves.

No. 221W.

Round Face Beechwood.

Sizes $1\frac{1}{2}$ $1\frac{3}{4}$ 2 in.
 Price -/9 -/9 -/9 each.



No. 222W.

Round Face Boxwood.

Sizes $1\frac{1}{2}$ $1\frac{3}{4}$ $1\frac{1}{2}$ 2 in.
 Price 1/- 1/- 1/- 1/- each.

No. 223W.

Best Beech (Flat).

$2\frac{1}{2}$ $2\frac{3}{4}$ 3 $3\frac{1}{2}$ 4 in.
 -/9 -/9 -/11 1/- 1/4 ea.



No. 223½W.

Best Boxwood (Flat).

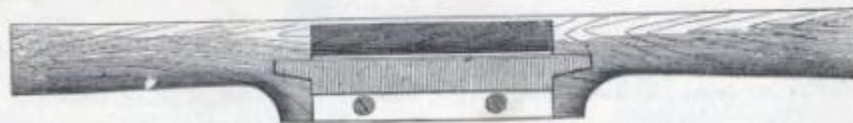
$2\frac{1}{2}$ $2\frac{3}{4}$ 3 $3\frac{1}{2}$ 4 in.
 1/2 1/3 1/4 1/6 1/9 ea.

No. 224W. Wheelers' or Coachmakers' Beech, $2\frac{1}{2}$ in. 1/6 ... $2\frac{1}{2}$ in. 1/6 ... 3 in. 1/8 ... $3\frac{1}{2}$ in. 2/- ... 4 in. 2/3 each.
 No. 224½W. Coopers' Beech ... 4 in. 2/3 ... $4\frac{1}{2}$ in. 2/6 ... 5 in. 2/9 ... $5\frac{1}{2}$ in. 3/- ... 6 in. 3/3 each.

No. 225W.
Beech.

Brass Plated.

$2\frac{1}{2}$ 3 in.
 1/3 1/6 each.



No. 226W.

Boxwood.

Brass Plated.

$2\frac{1}{2}$ 3 in.
 1/6 1/9 each.

No. 227W.

Beech, Plated.

Adjusting Irons.

$2\frac{1}{2}$ 3 in.
 2/6 3/- each.



No. 228W.

Boxwood, Plated.

Adjusting Irons.

$2\frac{1}{2}$ 3 in.
 3/- 3/3 each.

Spokeshave with Detachable Handles.



No. 229W.

The circular shape of this tool enables it to work in smaller circles than other Shaves.
 The angle of the Knife is such that it cuts instead of scraping the grain of the wood. Either handle can be removed to work in cramped places. Price 3/3 each.

Improved Four-Faced Spokeshave.



No. 230W.

This Shave has a throat regulator which will present to the knife four faces; one flat, two oval or convex, and one concave. With either face a wide or narrow throat may be had. Price 4/6 each.

Chamfer Shave.

No. 231W.



This Shave can be easily adjusted by means of thumb-screws attached to the guides, and will chamfer any desired width up to $1\frac{1}{2}$ in. It is round-faced, therefore suitable for Circular Work.

Price 1/6 each.

Patent Adjustable Stop Chamfer Shave.

No. 232W.



With Patent Adjustment to Cutting Iron.

This tool makes its own Stop. This is a great advantage, as both the Chamfer and Stop are made at the same time, thus dispensing with the use of the chisel.

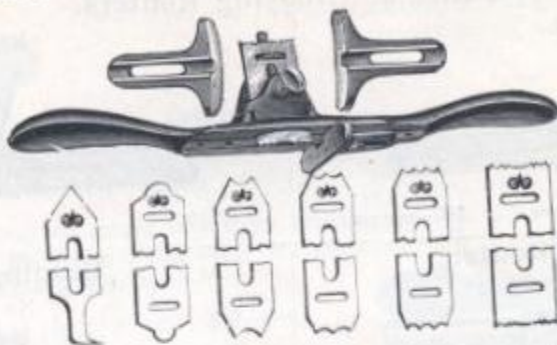
Price 3/3 each.

Contractors to the Home, Indian, and Colonial Governments.

Improved Patent Hand Reeding and Moulding Tool.

No. 233w.

This is the most improved form of Reeding and Moulding Tool yet produced. It is nicely finished, and a milled nut is provided for



the exact adjustment of the iron. Three Fences—concave, convex, and straight—are included. Six Cutters, as illustrated, are supplied with each tool.

Price, complete with 6 cutters... 5/6 each.

Universal Hand Bearer.



No. 234w.

SAMPLE
OF
WORK



DONE
BY
BEADER.

This is an invaluable tool for Beading, Reeding, or Fluting straight or irregular surfaces, and for all kinds of Routing. An adjustable Fence is provided for straight work and an oval one for curved work. Six double-ended Cutters are supplied with each tool, embracing 6 beads, 4 sets of reeds, and 2 fluters. Nickel-plated finish.

Price, complete in box ... 3/6 each.

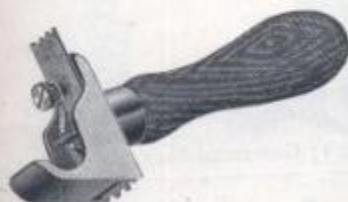
Single Handed Bearer.

No. 235w.

For Beading, Reeding, or Fluting Diagonal Line, etc.

Nickel-plated, with 6 Steel Cutters and 1 Blank.

Price ... 2/9 each.

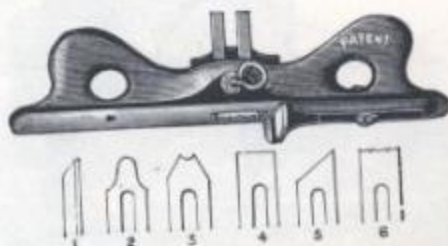


Reeding and Moulding Tool.

No. 236w.

This will be found a most useful small hand tool for Reeding and Moulding. Six Cutters are sent, as shown, with each tool. No. 1 forms a Cutting Gauge and Grooving Tool; Nos. 4 and 5 are adapted for Rebating Picture Frames, etc.; No. 5 is also useful for Chamfering; also useful for Fret Workers and Wood Carvers.

With 6 Steel Cutters as drawn, 2/3 each.



Bronze Medal, 1884.—Gold Medal, 1890.

Coachmakers' Routers, etc.

Fence or Grooving Routers.

No. 237W.



London Pattern, with Thumbscrew ... 16/- per pair.

Jigger or Side Router.

No. 239W.



With Gun-metal Fittings ... 12/- each.

Boxing Router. No. 241W.



With Iron ... 3/6 each.
Cutters, $\frac{1}{2}$ in., -7; $\frac{5}{8}$ in., -7; $\frac{3}{4}$ in., -9

Wheeler's Rounder.

No. 243W.



Tapering ...	$\frac{1}{2} \times \frac{3}{4}$	$1 \times \frac{1}{2}$	$1 \frac{1}{2} \times \frac{1}{2}$	$1 \frac{1}{2} \times 1$ in.
	4/9	5/-	5/7	6/6 each.
Tapering ...	$1 \frac{1}{2} \times 1 \frac{1}{2}$	$1 \frac{1}{2} \times 1 \frac{1}{4}$	$1 \frac{1}{2} \times 1 \frac{1}{2}$	$1 \frac{1}{2} \times 1 \frac{1}{2}$ in.
	6/9	7/6	8/6	9/6 each

Fork Shaft Rounder.

No. 245W.



Fork Shaft Rounders (or Screw Engines) ... 6/6 each.
" " " Plated with Brass ... 10/- "



No. 238W.



Price ... 16/- per pair.

Beading Router.

No. 240W.



With one pair Irons ... 8/-
Extra Irons ... 1/3 per pair.

Pistol Router.

No. 242W.



Price ... 14/- per pair.

Wheeler's Jarvis.

No. 244W.



With Iron Face, 11/- each; Gun-metal Face, 12/- each.

Old Woman's

Tooth Plane.

No.

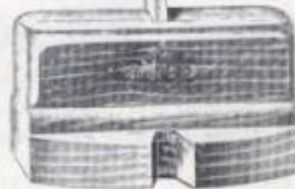
246W.

Router

Pattern.

Without Iron, 2/- each.

With Iron, 2/7 each.



Tool, Machine, and Hardware Merchants and Manufacturers.

No. 247W.

Improved Wood Scraper.



This Scraper can be adjusted to any desired pitch, and it has detachable handle for working in corners.

Price ...	...	...	...	...	...	...	3/3 each.
Cutters ...	...	...	...	...	...	extra	-/8 "

Stanley Cabinet Scraper.

The blade of this Scraper may be sprung to a slight curve by the thumb-screw shown at the centre of the cut, which will be found a great advantage in working with this tool.

Raised handles, 11 in., 2 1/4 in. blade	...	...	3/6 each.
Cutters for above	...	...	-/10 "

No. 248W.



Cabinet Scrapers.

No. 249W.



Steel Cabinet Scraper Blades.

4	5	6 in.
-/4	-/4 1/2	-/5 each.

No. 250W.



Cabinet Makers' Curved Steel Scrapers.

Price ... -/8 each.

No. 251W



Concave and Convex Scraper.

4 in. by 2 1/8 in. wide	...	-/6 each.
5 1/2 " 2 1/8 "	...	-/8 "

C.S. Cabinet or Joiners' Scrapers.

No. 252W.



4 1/2 in. Blade, Best Riveted Hardwood Handle and Wedge.

Price ... 1/6 each.

Scraper Sharpeners.

No. 253W.



Price ... -/6 each.

Adjustable Chisel Gauge.

No. 254W.



Attach to a 1/4 in. Chisel (with bevelled edge up) and a shaving of any desired thickness can be raised for blind-nailing or for inlaying wood strips in ornamental surface work.

Chisel Gauge, steel stock ... -/10 each.

Cornering Tool.

No. 255W.

This tool is made with a different size cutter at each end so sharpened that the user can always cut with the grain without changing the position of the work.

Price ... -/10 each.



Orders of 20/- and upwards Carriage Paid (with few exceptions).



Boxwood Handled Draw Knives.

No. 256W.

Size	...	...	...	4 1/2	5	6	7 in.
Price	...	...	...	1/6	1/6	2/-	2/4 each.

Best Cast Steel Carpenter's Draw Knives.

No. 257W.

Size	...	8	9	10	12 in.
Price	...	2/-	2/2	2/4	2/9 each.



Best Bright Cast Steel Curved Pattern Draw Knives.

No. 258W.

Size	...	...	...	8	9	10	12 in.
Price	...	...	...	2/-	2/2	2/6	2/9 each.



Coopers' Draw Knives.

No. 259W.

Size	...	...	...	...	...	8	10	12 in.
Best C.S. Coopers' Draw Knives	...	...	...	...	...	2/3	2/6	3/3 each.
" Wheelers' "	...	...	...	...	...	2/9	3/-	3/6 "



Dowel Plates.

No. 260W.

A.—1/4, 1/8, 1/2 in., 3 holes	...	...	...	1/2 each.
B.—1/4, 1/8, 1/2 in., 4 holes	...	...	...	1/6 "
C.—1/4, 1/8, 1/2 in., 5 holes	...	...	...	2/- "
D.—1/4, 1/8, 1/2 in., 6 holes	...	...	...	2/6 "

No. 261W.—Patent Dowel Plates with V-groove inside each hole for grooving the dowel peg, which allows the air and superfluous glue to get away, thus avoiding burst holes in the work.

Price ... B, 3/- C, 3/3 D, 4/- each.



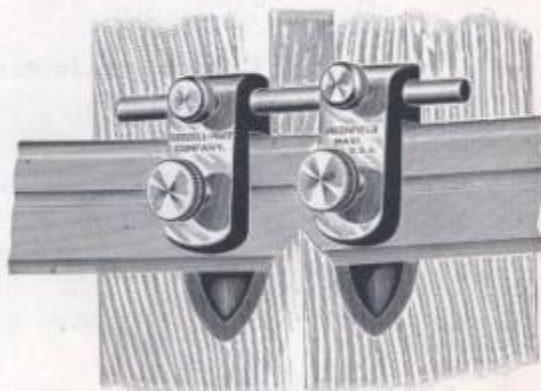
Dowels, or Round Sticks.

No. 263W.

Diameter	1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2 in.
Length	36	36	36	36	36	36	36	42 "
Price	...	3/6	3/6	4/-	4/3	4/6	5/-	5/9 7/6 per 100.
...	-8	-8	-9	-10	-11	1/-	1/2	1/6 " doz.

Draw Knife Guides.

No. 262W.



This Tool, sometimes called a Chamfer Gauge, is particularly useful in cornering heavy timber, it ensures evenness and uniformity in the width of the chamfer, and enables the operator to do a good job and save much time. Can be attached without difficulty to any ordinary Draw Knife.

The back of the Guides are polished, the faces and knurled head thumb-screws nickel-plated.

Price (Guides only) ... 3/- per pair.

A large and varied Stock of Engineers' Tools and Motor Accessories.

Plane Fittings.

No. 264w.



**Malleable Iron
Smooth Plane
Fronts.**

With Screw and Cup.

Price 1/9 each.

No. 264½w.



Gun-metal Levers.

2 2½ 2¾ 2⅞ in.
2/- 2/3 2/6 2/9 each.

No. 265w.



**Screws,
Cup and Diamond.**

Price -/4½ each.

No. 266w.



**Left Hand
Sash Fillister Stops.**

Price 1/8 each.

**Right Hand
Sash Fillister Stops.**

Price 1/2 each.

Other Fittings.

**Best Improved Plough
Stops, with Steel Plates** 2/3 each.
Stops only ... 1/6 "
Plates only ... per pair 1/- "
**Best Improved Plough
Stops, with Steel Plates,**
Skate end ... per set 3/-
Stops only ... 1/6 each.
Skate end Plates ... per pair 1/6

Small Slip Stops ... -/5 each.
Large Slip Stops ... -/6 "
**Best Moving Fillister
Stops** ... 1/8 "
**Compass Smoothing
Stops** ... 1/3 "

Circular Plough Stops,
for handled ploughs ... 3/6 each.
Short Plough Rivets ... -/8 doz.
Long Plough Rivets ... -/9 "
Small Fillister Screws -/9 "
Large Fillister Screws -/10 "
Top Iron Screws ... -/1 each.

Price List of Machine-Planed Castings, ready for Inside Fittings.

Iron Panel Planes for Wedge.

Length ...	9	12½	15½ in.
Plane Iron ...	2½	2½	2½ "
Price ...	6/6	8/6	9/6 each.

If for Gun-metal Lever, 1/6 extra.

Bullnose Planes.

Size ...	1	1½	1¾ in.
Cast Iron ...	2/9	3/-	3/3 each.
Malleable Iron ...	3/3	3/6	3/9 "
Gun-metal ...	4/6	4/9	5/- "
" with Steel Face	5/6	5/9	6/3 "

Chariot Planes.

Size ...	1¼	1½ in.
Cast Iron ...	3/-	3/6 each.
Malleable Iron ...	4/6	5/6 "
Gun-metal ...	4/9	5/6 "
" with Steel Face ...	6/6	7/3 "

With Screw Lever, 1/3 extra.

Shoulder Planes.

Size ...	1¼	1½ in.
Cast Iron ...	5/6	5/9 each.
Malleable Iron ...	7/9	8/3 "
Gun-metal ...	10/6	11/6 "
" with Steel Face ...	13/-	13/6 "

Smoothing Planes.

Size ...	1¼	2	2½	2¾ in.
Price, Cast Iron	6/-	6/6	6/9	8/3 ea.
Malleable Iron	7/-	7/9	8/3	8/9 ea.

If for Gun-metal Lever, extra to 2 in. 1/9; above, 2/- extra.

Rebate Planes.

Size ...	¾	1	1½	2	2½ in.
Length ...	4½	4½	8	8	8 "
Price ...	4/-	4/-	6/-	6/-	6/6 each.

Wood or Iron Planes trued up and
repaired by our practical workmen.

R. MELHUISE, LTD

Contractors to the Home, Indian, and Colonial Governments.



Japanned Iron Plumb Bob.

No. 267W.

Weight.	Price.
$\frac{1}{2}$ lb. ...	-/7 each.
$\frac{3}{4}$ " ...	-/8 "
$\frac{1}{2}$ " ...	-/9 "
1 " ...	-/10 "
$1\frac{1}{4}$ " ...	-/11 "
$1\frac{1}{2}$ " ...	1/- "
$1\frac{3}{4}$ " ...	1/1 "
2 " ...	1/2 "

Lead Plumb Bob.



No.	Price.
268W. Turned.	
1 lb. ...	-/6 each.
$1\frac{1}{2}$ " ...	-/9 "
2 " ...	1/- "
$2\frac{1}{2}$ " ...	1/6 "

Brass Plumb Bob.

With Screw Top.

No. 269W.

Weight.	Price.
$3\frac{1}{2}$ oz. ...	1/- each.
$4\frac{1}{2}$ " ...	1/2 "
6 " ...	1/4 "
8 " ...	1/6 "
10 " ...	1/9 "
13 " ...	2/- "
16 " ...	2/6 "
20 " ...	3/6 "



No. 270W.

Patent Adjustable Plumb and Level.

In Mahogany.

Length
3 ft. 6 in.
Width
 $3\frac{1}{4}$ in.

Price
7/-
each.



Adjustable

Constructed with a Reel at upper end on which the line is wound.

By holding Bob by the ring and dropping it with a slight jerk, any desired length of line may be reeled off.

A Spring, which has its bearing on the Reel, will check



No. 271W.

Length $3\frac{1}{2}$ in.	Brass ...	Price 5/6 each.
" $4\frac{1}{2}$ in.	Nickel (iron) ...	" 3/6 "

Plumb Bob.

the line and hold it firm at any point.

The power of the Spring may be increased or decreased by means of the Screw which passes through the Reel.

A suitable length of line is sent out reeled on each Bob.

No. 272W. Plumb and Level.

Brass arch top plate, side views, polished mahogany stock, with one rounded end.

May be used with Plumb Bob and Line.

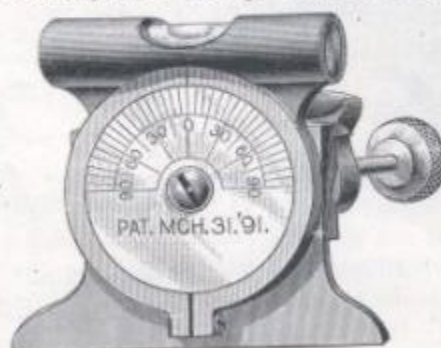
Length
42 in.

Price
7/6
each.



Combination Level, Plumb, Inclino-meter, and Bevel Protractor.

No. 273W.



This tool will be found very handy for many purposes, it can be applied to a square, straight edge, or boring bit. Nicely finished.

Price ... 3/9 each.

Bronze Medal, 1884.—Gold Medal, 1890.

Level for Bit and Square.



No. 274W.

A Thumbscrew secures the Level to the Bit. Perpendicular or Horizontal Boring can be done with perfect accuracy. When attached to the horizontal leg of a carpenter's square, a spirit level is obtained, and the upright leg of the square will indicate a plumb.

Bit and Square Level, Brass Frame, in a box ... 1/3 each.



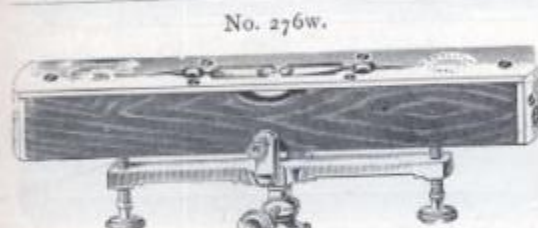
Improved Level Sights.



No. 275W.

Can be attached to any level. An accurate means of levelling from one given point to another at a long distance.

Packed in case, 2/3 pair.



**Best
Field-Sight
Surveying
Level.**

10 in. Level.
Price 14/- each.

No. 276½W. Surveying Level with Telescope Body 8 in. long. Object level on Telescope parallel; plates to

Price

**Mounted
on
Wood
Staff.**

12 in. Level.
Price 16/- each.

unscrew from the limb. In Mahogany case with Capstan Pin and Tripod Stand.

... .. 95/-



**Best
Field-Sight
Surveying
Level.**

10 in. Level.
Price
28/- each.

**Mounted
on
Tripod
Stand.**

12 in. Level.
Price
30/- each.

Tool, Machine, and Hardware Merchants and Manufacturers.

Spirit Levels—Warranted Correct.



No. 278w.

	6	8	10 in.
Brass plated Top ...	7/-	9/-	11/- each.
" " (tipped bottom) ...	1/-	1/3	1/6 "



No. 279w.

	8	10	12 in.
Heavy Brass plated Top ...	1/3	1/6	2/- each.
" " (tipped bottom) ...	1/7	1/9	2/3 "



No. 280w.
Ebony, Brass plated Top, Brass tipped Bottom.

	6	8	10	12 in.
	1/5	1/6	1/8	2/- each.



No. 282w.
Extra quality, Best Plated Ebony.

	8	10	12 in.
	2/6	3/6	4/6 each.

Engineer's Spirit Level.



A very handy form of Iron Level with V-shaped base for standing on shafting and other round surfaces. It is accurately machined and highly finished, nickel-plated and packed in velvet-lined case.

No. 285w.

	4	6 in.
With Best Proved Tubes ...	2/9	3/6 each.
" Patent Cat's Eye Tubes	3/-	3/9 "



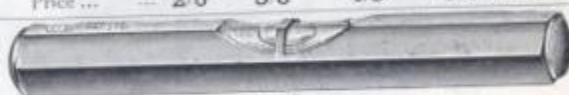
No. 281w.
Ebony, Heavy Brass plated Top, Brass tipped Bottom.

	8	10	12 in.
	2/-	2/9	3/3 each.



No. 283w.
All Brass mounted Level, with revolving protector, fitted over tube bulb and sliding case.

	6	8	10	12 in.
Price ...	2/6	3/6	4/3	5/6 each.



No. 284w.
Hexagon Pocket Levels, Nickel-plated.

2½ in., 1/-	3 in., 1/3	4 in., 1/9 each.
Round Cloth Covered Cases for ditto, 1/2 each.		

Small Brass Pocket Levels.

No. 286w.
In Boxwood Case.
Price ... 1/9 each.



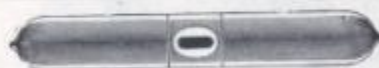
No. 287w.
In Cloth Case.
1/3 each.



Patent "Cat's Eye"

No. 288w.

A novel form in which the Air Bubble (resembling a Cat's Eye) is very easily and quickly distinguished. These Tubes can be fitted to most of the Levels shown in this catalogue at an extra charge of—Types only, 1½ in. 1/3, 2 in. 1/5, 2½ in. 1/6, 3 in. 1/7, 3½ in. 1/7, 4 in. 1/8 each.

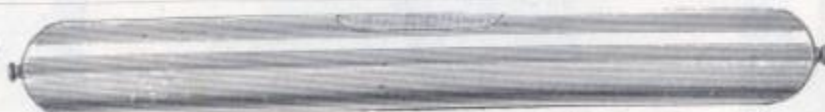


Spirit Level Tubes.

Spirit Level Tubes.

No. 289w.

Size ...	1½	1¾	2	2½	3	3½	4	4½	5 in.
	1/1½	1/2	1/2	1/2	1/2	1/3	1/3½	1/4	1/5 each.



Best Fine Proved.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

Plumb and Spirit Levels—Warranted.



No. 290W.

Rosewood, Ornamental Brass Plated and Tipped Bottom.

	6	9	12 in.
Price	1/6	1/9	2/3 each.
Without Plumb	1/3	1/6	1/9 "



No. 291W.

Mason's Boxwood Rule and Level.

Tipped Bottom and Ends	6	9	12 in.
Price	1/9	2/-	2/6 each.



No. 292W.

Improved Concave Side Grip Plumb and Level.

Polished Hardwood Stock, Brass Arch Top Plate,			
Side Views.	12	15	18 in.
Price	1/9	2/-	2/3 each.



No. 293W.

Improved Adjustable Pattern.

Brass Arch Top Plate, Side Views, Half Brass Tipped.

	24	27	30 in.
Price	4/6	4/9	5/- each.



No. 294W. **IMPROVED CONCAVE SIDE GRIP DOUBLE PLUMB AND LEVEL.**
Polished Hardwood Stock, Brass Arch Top Plate, side views. Length, 36 in.
5/9 each. Packing 6d. extra.

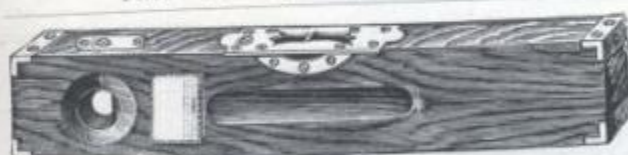
Special Pattern Iron Plumb and Spirit Level.

Accurately planed bottom, and thoroughly tested before leaving works.

Length	15	24 in.
Price	7/-	10/- each.



No. 295W.



No. 296W. **Improved Adjustable—Patent.**
Mahogany Stock, Brass Arch Top Plate, Brass Lipped Side Views, Full Brass Tipped.

Length	24	27	30 in.
Price	6/3	6/9	7/- each.

No. 297W. The "Climax" Spirit Level.

The Groove and Base being machined at one operation are perfectly true to each other. The groove enables the Level to be used for Cylindrical Work, Shafting, Piping, etc., and the Base is also improved for ordinary Flat Work.

Adjustable Level, black japanned, iron base, nickel-plated fittings, revolving Tube to protect Glass. In 6-in. and 8-in.

Price 5/3 each.



In 12-in., as a Plumb and Cross Level, Adjustable Tube, black japanned, heavy nickel-plated fittings, revolving Tube to protect Glass.

Price 8/9 each.

Japanned Iron Frame Plumb and Spirit Level.

No. 298W.
New Patent
and Highly Finished.
Nickel-plated and
Glass Plates to both
sides.



Every Level is
thoroughly tested be
fore leaving factory.

12 in. long.

Price 13/- each.

A large and varied Stock of Engineers' Tools and Motor Accessories.

Adjustable Plumb and Spirit Levels.

No. 299w.



Fitted with
Best Tested
Tubes.

The Bubble Tube is set in a metallic case attached to the brass top plate of the Level. By means of an Adjustable Screw the Tube can be instantly adjusted to a position parallel with the bottom of the Level.

A. Mahogany and polished Walnut Triple Stock, with Brass-tipped side views, full Brass tipped, as illustrated				24 in.,	7/6	...	30 in.,	8/6 each.
B. Plain Mahogany Stock, complete				"	6/6	...	"	7/- "
C. Stained and Polished Stock, ditto				"	5/-	...	"	6/- "

No. 300w. Fitted with Best Tested Tubes.



In this pattern the Bubble Tube is set in a special Brass Frame with very large openings at the top and sides. These openings are fitted with glass panels, and enable the user to see the bubble very plainly and from a distance. The large side views are particularly useful for testing overhead work. This Level is also proved on the top, so that it can be used for testing overhead work from the top of the Level in places where it is not possible to place the Level on its base.

In Mahogany, French polished	...	...	...	6/- each.
Ditto, Brass-tipped top and bottom corners, as illustrated	...	...	...	6/6 "
Leather Cases for ditto, 3/6 each.				

No. 301w.

Fitted with
Best Tested Glasses.



Fitted with
Best Tested Glasses.

With Solid Cherry Stock, natural finish. Brass top plate fastened with brass screws, two brass-tipped side views, two brass-tipped plumb views, both plumb and level glasses proved and set in glass tubes.

18 in. long, 4/3 each.	24 in. long, 4/9 each.	30 in. long, 5/6 each.
------------------------	------------------------	------------------------

No. 302w.
Adjustable.



Fitted with
Best Proved
Glasses.

Same quality and finish as foregoing. Length, 30 in., 6/6 each.

"Stanley" Odd Jobs.

No. 303w.

This Tool embraces in itself, and when in combination with an ordinary carpenter's rule, Try Square; Mitre Square; T Square; Marking, Mortise, and Depth Gauge; Mitre Level; Spirit Level; and Plumb Beam Compass. Also Inside Square for making boxes and frames.

A Mechanic who has this Tool to use on his Rule can do all ordinary jobs with only a Saw, a Hammer, and a Plane in addition.

The Tool is now sent out with a 12-inch graduated Ruler inserted in it; and near one end of the Ruler is an Adjustable Steel Point.

Price, Level and Rule, nickel-plated, 2/9 each.



Contractors to the Home, Indian, and Colonial Governments.



Tailor's Graduated Square.

24 x 12 in. Polished Boxwood.
Price ... 5/3 each.

Polished Boxwood Graduated Squares,
24 x 12 in., with Proportional Waist
Measurements, 5/9 each.

Packing, -/6 extra.

No. 306w.

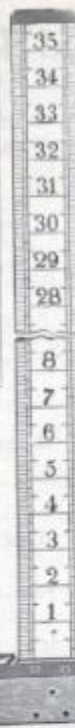
Best Glaziers' T Squares.

Brass Tipped.

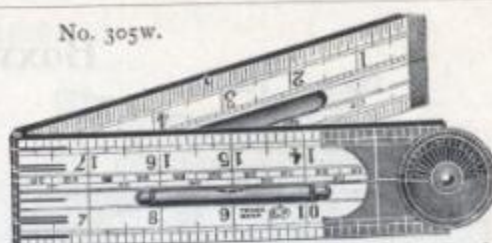
Marked Inches in 8ths.

Sizes	24	30	36	42	48 in.
Price	1/9	2/-	2/3	2/9	3/- ea.

MELHUISH
FOR
QUICK DELIVERY.



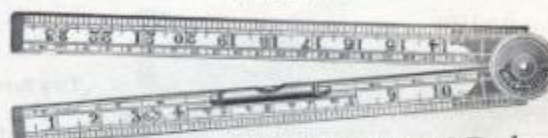
No. 305w.



Two Feet Four-fold Boxwood Rule.

Marked 8ths, 10ths, 12ths, and Scales, Degrees
on Brass Plate, Brass Tips and Spirit Level. 1 1/2 in. wide.
3/6 each.

No. 307w.



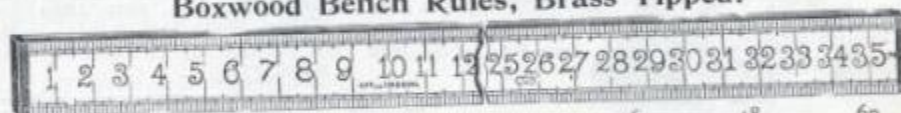
Two Feet Two-fold Boxwood Rule.

Scales and 8-square line, Degrees on Brass Plate, Brass
Tips, and Spirit Level. 1 1/2 in. wide. 3/- each.

MELHUISH
FOR
QUALITY.

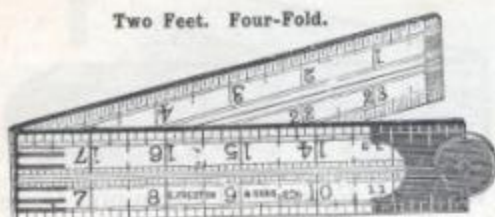
Boxwood Bench Rules, Brass Tipped.

No. 308w.



Boxwood Rules.

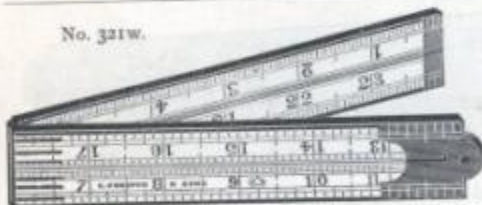
Two Feet. Four-Fold.



- No. 315w. Round Joint ... $\frac{1}{2}$ in., -/5 ... 1 in., -/6 each.
No. 316w. Arch Joint and Polished, marked 8ths, 16ths, 10ths, and 12ths.

Width, 1 in., -/9 ... $\frac{1}{2}$ in., -/11 ... $\frac{1}{2}$ in., 1/- each.

No. 321w.



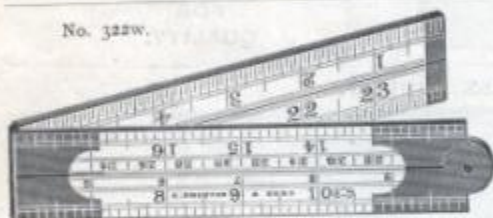
Two Feet.

Four-Fold.

Arch Joint, Brass Bound Outside Edges, marked 8ths, 16ths, 10ths, and 12ths.

Width, 1 in., 1/6 ... $\frac{1}{2}$ in., 1/8 ... $\frac{1}{2}$ in., 1/10 each.

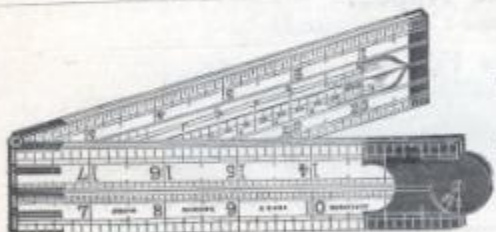
No. 322w.



Two Feet.

Four-Fold.

3-Arch Joints, Brass Pinholes, marked 8ths, 16ths, and Scales.
Width, $\frac{1}{2}$ in., 1/9 ... $\frac{1}{2}$ in., 1/10 ... $\frac{1}{2}$ in., 2/-



Two Feet.

Four-Fold.

No. 326w. Arch Joint, Bevelled Edges, with various drawing scales in 8ths, 16ths, 10ths, and 12ths.
4 Scales. Width, 1 in., 1/6 each.

No. 326½w. 8 Scales, and Brass Edge Plates.
Width, 1 in., 1/9 ... $\frac{1}{2}$ in., 2/3 each.

No. 329w. Brass Pinholes, marked 8ths, 16ths, 10ths, and 12ths.

Width, 1 in. ... 1/- each.

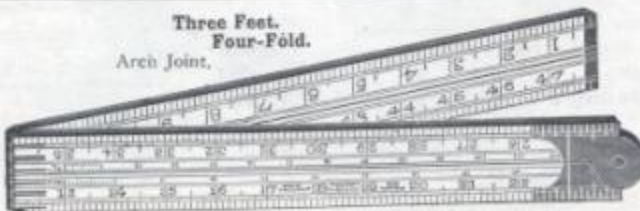
No. 330w. Ditto, with Scales.

Width, $\frac{1}{2}$ in. ... 1/3 each.

No. 331w. Edge Plates, 8ths, 16ths, and Scales.

Width, $\frac{1}{2}$ in. ... 1/9 each.

No. 333½w. Coachmaker's. Four feet, Four-Fold, Arch Joints, marked 8ths, 16ths, 10ths, 12ths, and Scales. Width, $\frac{1}{2}$ in. ... 2/6 each.

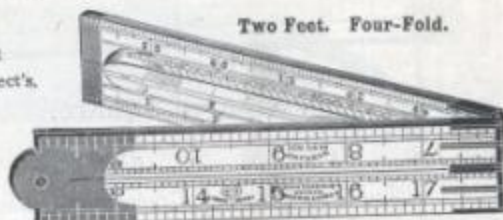


Three Feet.
Four-Fold.

Arch Joint.

Extra Best
Architect's.

With
Steel
Plates
in
Joints.



Two Feet. Four-Fold.

No. 317w. Arch Joint, Bevelled Edges, 8 Scales,
Width, 1 in., 2/6 ... $\frac{1}{2}$ in., 2/9 each.

No. 318w. 8 Scales, German Silver,
Width, 1 in., 3/3 ... $\frac{1}{2}$ in., 3/9 each.

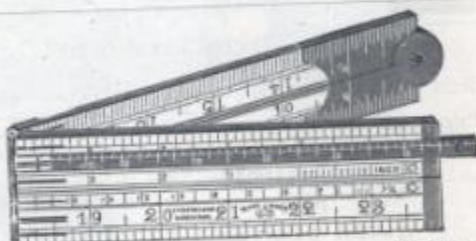
No. 319w. 16 Scales, German Silver, and Edge Plates,
Width, $\frac{1}{2}$ in., 5/- each.

No. 320w. 8 Drawing and 4 Chain Scales, 8 Bevels, German Silver,
Width, 1 in., 4/6 ... $\frac{1}{2}$ in., 5/6 each.

Two Feet.

Four-Fold.

With Brass
Slide.



No. 323w. Marked 16ths Width, 1 in. ... 1/9 each.

No. 324w. Marked 8ths, 10ths, 12ths, 16ths, Scales and Timber
Tables. Width, $\frac{1}{2}$ in. ... 2/6 each.

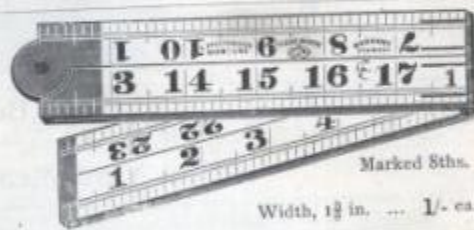
No. 325w. One foot four-fold Rule with Slide and Calliper Gauge.
Width, $\frac{1}{2}$ in. ... 2/- each.

No. 327w.

Two Feet.
Four-fold.

Very bold
markings.

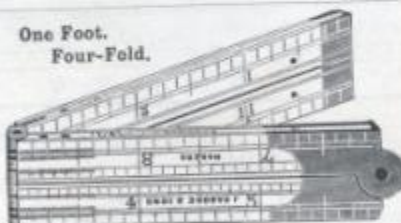
Size
of figures,
 $\frac{1}{8}$ in.



Marked 8ths.

Width, $\frac{1}{2}$ in. ... 1/- ea.

One Foot.
Four-Fold.



No. 328w.
Round Joint.

Width, $\frac{1}{2}$ in., -/5 ea.

Arch Joint
(as illustrated).

Width, $\frac{1}{2}$ in., -/8 ea.

No. 332w. Brass Bound Outside Edges, marked 8ths, 16ths, 10ths, and 12ths.

Width, $\frac{1}{2}$ in. ... 2/- each.

No. 333w. Ditto, marked 16ths, and Scales.

Width, $\frac{1}{2}$ in. ... 2/3 each.

Tool, Machine, and Hardware Merchants and Manufacturers.

Ivory Rules.

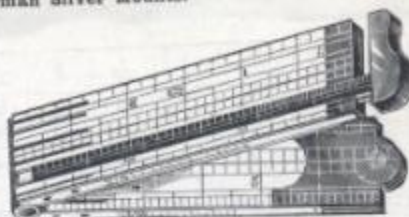
One Foot Four-Fold, German Silver Mounts.

No. 334w. $\frac{1}{2}$ in. wide, Round Joints, Brass Mounts. Price 2/6.



No. 335w.
 $\frac{1}{2}$ in. wide, Arch Joint,
marked 8ths, 16ths,
10ths, 12ths, and
Scales ... Price 5/-

No. 335 $\frac{1}{2}$ w.
Ditto, with Edge
Plates ... Price 7/6

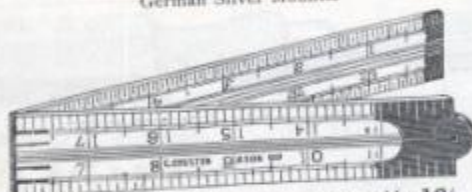


No. 336w.

$\frac{1}{2}$ in. wide, Arch
Joint, marked 8ths,
16ths, 10ths, 12ths,
and Scales, with
Calliper Gauge.
Price ... 10/6

No. 337w.

Two Foot Four-Fold Ivory. Marked 8ths, 16ths, 10ths, 12ths.
German Silver Mounts.



$\frac{1}{2}$ in. wide. Price 15/- ... 1 in. wide, 16/-

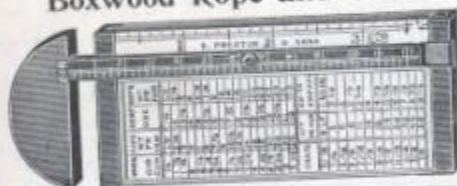
No. 338w. Two Foot Four-Fold Ivory.

With Bevelled Edge. Marked 8ths and 16ths, with Drawing
and Chain Scales.



1 in. wide. Price 18/- ... $1\frac{1}{2}$ in. wide, with degrees, 21/6

Boxwood Rope and Chain Gauge.



No. 339w.

4 in. long, 1/9

6 " " 2/6

Boxwood Button Gauge. No. 340w.



Slide marked
in 40ths.

$\frac{1}{2}$ in. long,
 $\frac{1}{4}$ " wide.

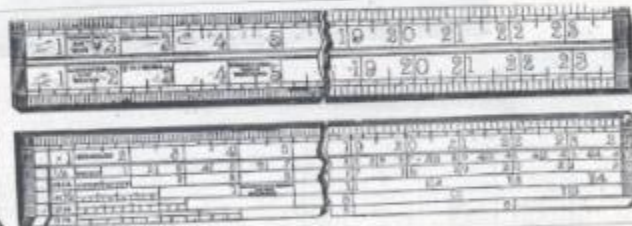
Price 1/2 each.

All-Boxwood Sliding Calliper Gauge.

No. 340 $\frac{1}{2}$ w. Similar Pattern to above. Marked English and Metric. Price -/9 each.

Pattern Maker's
Contraction
Rules.

24 in. Boxwood. Marked
inches in 16ths with
Bevelled Edge.



Prices.

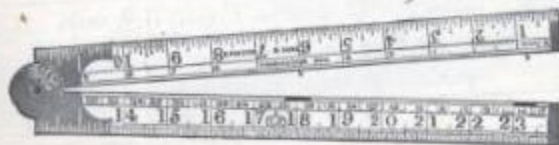
No. 341w. Standard and Single
Contraction for Iron, 2/6

No. 342w. Ditto, for Brass, 2/6

No. 343w. Ditto, for Iron and
Brass, 3/-

Two Feet Two-Fold Boxwood Rules. $1\frac{1}{2}$ in. wide.

With Slide, marked 8ths and 16ths



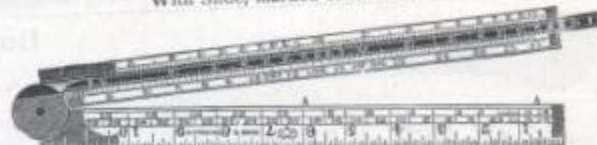
No. 344w. Square Joint, marked 8ths ... Price -/6

" 345w. Arch Joint, marked 8ths, 16ths, and Scales... " -/9

" 345 $\frac{1}{2}$ w. " " 4 Scales, 8 Square Line, Bevelled
Edge ... " 1/-

" 346w. " " 8 Scales, 8 Square Line, Double
Bevelled Edge ... " 1/3

" 347w. " " 6 Scales, 4ths, 8ths, 10ths, 12ths,
and 16ths, and Double Bevelled
Edge ... " 1/6



No. 348w. Arch Joint, 10ths and 12ths, 8 Square Line Price 1/-

" 349w. " " 2 Scales and 8 Square Line,
Bevelled Edge ... " 1/3

" 350w. " " 4 Scales and 8 Square Line,
Bevelled Edge and Angles ... " 1/6

" 351w. " " 2 Scales and 8 Square Line,
Bevelled Edge, Slide, marked
8ths and Gunter's Line ... " 1/9

" 352w. " " 6 Scales, 8 Square Line, and
Gunter's Line, Bevelled Edge ... " 2/-

Orders of 20/- and upwards Carriage Paid (with few exceptions).



C.S. Firmer Chisels.

No. 353w.

Size	...	...	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2 in.
Unhandled	...	...	-/3 $\frac{1}{2}$	-/3 $\frac{1}{2}$	-/3 $\frac{1}{2}$	-/3 $\frac{1}{2}$	-/4	-/4	-/4 $\frac{1}{2}$	-/6	-/7	-/8	-/9	-/11
With Ash Handles	...	...	-/5 $\frac{1}{2}$	-/5 $\frac{1}{2}$	-/5 $\frac{1}{2}$	-/5 $\frac{1}{2}$	-/6	-/6	-/6 $\frac{1}{2}$	-/8	-/9	-/10	-/11	-/13
With Oval Box Handles	...	...	-/6 $\frac{1}{2}$	-/6 $\frac{1}{2}$	-/6 $\frac{1}{2}$	-/6 $\frac{1}{2}$	-/7	-/7	-/7 $\frac{1}{2}$	-/9	-/10	-/11	-/12	-/14
With Octagon Box Handles	...	...	-/6 $\frac{1}{2}$	-/6 $\frac{1}{2}$	-/6 $\frac{1}{2}$	-/6 $\frac{1}{2}$	-/7	-/7	-/7 $\frac{1}{2}$	-/9	-/10	-/11	-/12	-/14
Strong Firmer	...	...	-/4 $\frac{1}{2}$	-/4 $\frac{1}{2}$	-/4 $\frac{1}{2}$	-/4 $\frac{1}{2}$	-/5	-/5	-/5 $\frac{1}{2}$	-/7	-/8	-/9	-/10	-/12
With Ash Handles	...	...	-/6	-/6	-/6	-/6	-/6 $\frac{1}{2}$	-/6 $\frac{1}{2}$	-/7	-/8	-/9	-/10	-/11	-/13

Bevelled-edge Firmer Chisels.

No. 354w.



Size	...	...	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2 in.
Unhandled	...	...	-/7	-/7	-/7	-/7	-/7 $\frac{1}{2}$	-/7 $\frac{1}{2}$	-/7 $\frac{1}{2}$	-/8	-/9	-/10	-/11	-/13
With Octagon Box Handles	...	...	-/10 $\frac{1}{2}$	-/10 $\frac{1}{2}$	-/10 $\frac{1}{2}$	-/10 $\frac{1}{2}$	-/11	-/11	-/11	-/11	-/12	-/13	-/14	-/16
With Oval Box Handles	...	...	-/10	-/10	-/10	-/10	-/10 $\frac{1}{2}$	-/10 $\frac{1}{2}$	-/10 $\frac{1}{2}$	-/11	-/12	-/13	-/14	-/16

Sets of Firmer Chisels. No. 355w.

Set of 12.	$\frac{1}{8}$ in. to 1 in.	With Ash Handles...	6/6	Bevelled Edge	9/6 per set.
" 12.	$\frac{1}{8}$ " 1 $\frac{1}{2}$ " "	" " " " " "	7/6	" " " "	11/3 "
" 12.	$\frac{1}{8}$ " 1 $\frac{1}{2}$ " "	Octagon Boxwood Handles...	10/-	" " " "	12/9 "
" 12.	$\frac{1}{8}$ " 1 $\frac{1}{2}$ " "	Carver's Oval Boxwood Handles	8/6	" " " "	11/3 "

Millwrights' and Coach Chisels.



No. 357w.

Size	...	...	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2 in.
No. 356w. Millwrights'	...	...	-/7 $\frac{1}{2}$	-/8	-/9	-/10 $\frac{1}{2}$	1/-	1/1	1/3	1/8	2/1	3/- each.
No. 357w. Coach	...	...	-/6	-/6 $\frac{1}{2}$	-/7	-/8	-/9	-/10	-/11	1/3	1/6	2/3 "

No. 356 $\frac{1}{2}$ w. Special Millwrights' Chisel, $\frac{1}{2} \times 10$ in. ... 1/3 each.

Button Hole Chisels. No. 358w.

Size	...	...	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	1 in.
Price	...	...	-/6	-/6	-/6	-/6	-/7

Draw Bore Pins.

No. 359w.

With Box Handle	...	...	$7 \times \frac{5}{16}$	$8 \times \frac{3}{8}$	$10 \times \frac{1}{2}$ in.
Price	2/6	2/6	3/- per pair.

Bright Steel Draw Borer. No. 360w.

Eyed, 9 in. long	-/10 each.
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All edge tools bearing our name are guaranteed to be of the very best quality.

A large and varied Stock of Engineers' Tools and Motor Accessories.

Firmer Gouges.



No. 361w.

Size	1/8 to 1/4	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2 in.
Unhandled	1 1/2 each.
With Ash Handles	1 1/4 "

No. 362w. Ash Handled Firmer Gouges in sets of 12, assorted from 1/8 to 1 in., 7/3 per set.

C.S. London Pattern Scribing Gouges.

No. 363w.



Inside Cannelled.

Size	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2 in.
With Round Beech Handles	1 1/2 each.

Ward's Firmer Gouges.

With Beech Handles.

No. 364w.



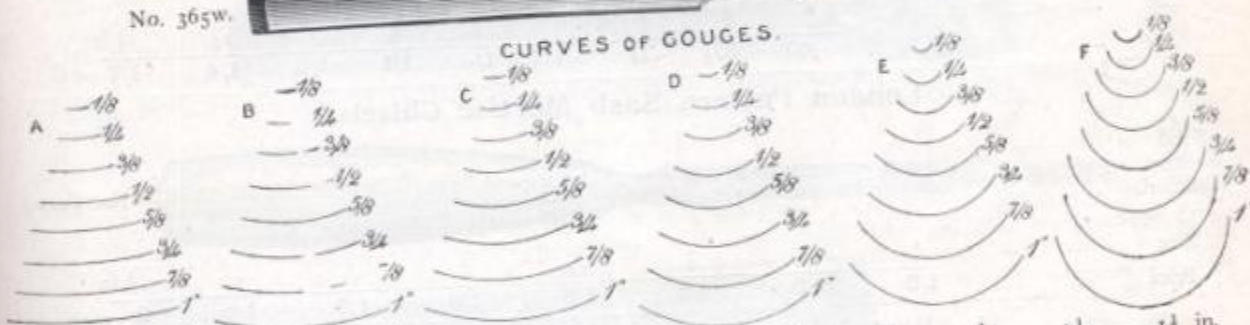
Size	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2 in.
With Round Handles	1 1/2 each.

Long Thin Paring Gouges.

No. 365w.

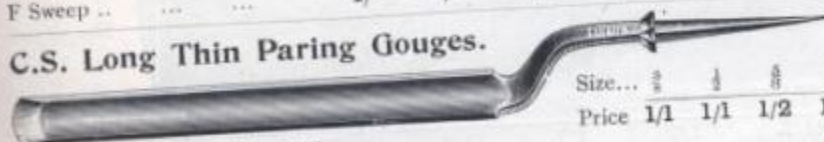


CURVES OF GOUGES.



Size	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2 in.
A, B, C, D or E Sweeps.	1 1/2 each.
F Sweep	2/-

C.S. Long Thin Paring Gouges.



Cranked.

A, B, C, D and E Curves.

No. 366w.

Size	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2 in.
Price	1/1	1/1	1/2	1/3	1/4	1/5	1/8	1/10	2/2 each.				

(To Order only.)

Best C.S. Socket Gouges.

No. 367w.



Size	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2 in.
Outside Cannelled	1/-	1/-	1/-	1/2	1/3	1/4	1/5	1/8	1/9 each.				
Inside Cannelled	1/2	1/2	1/2	1/3	1/4	1/5	1/6	1/9	1/10 "				

Handled, -/3 each extra.

All Edge Tools bearing our name are guaranteed to be of the very best quality.

Contractors to the Home, Indian, and Colonial Governments.

No. 368w.

Size	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$ in.				
Price	-6 $\frac{1}{2}$	-6 $\frac{1}{2}$	-6 $\frac{1}{2}$	-6 $\frac{1}{2}$	-7	-7 $\frac{1}{2}$	-7 $\frac{1}{2}$	-8	-8 $\frac{1}{2}$	-9	-10	-10 $\frac{1}{2}$	1/2	1/4 each.

No. 369W.

Size	...	...	...	...	$\frac{1}{4}$	$\frac{3}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$ in.
Price	...	...	...	...	$-\\$10\frac{1}{2}$	$-\$10\frac{1}{2}$	$-\$10\frac{1}{2}$	$-\$11\frac{1}{2}$	1/1	1/2	1/3	1/5	1/8 each.

No. 370W.

Size	...	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$ in.
Price	...	1/-	1/2	1/4	1/6	1/9 each.

No. 371W.

Size	...	...	...	...	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$ in.
Price	...	...	...	...	-.10	-.10 $\frac{1}{2}$	-.11	-.11 $\frac{1}{2}$	1/-	1/1	1/2	1/4	1/7 each.

Solid
Bolsters,
Handled.



No. 372W.

Size	...	...	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{3}{8}$ in.
Price	...	...	1/5	1/5	1/5	1/5	1/6	1/7	1/8	2/- each.

No. 373W.

Size	...	...	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$ in.
Price	...	...	1/7	1/7	1/7	1/7	1/8	1/10	1/11	2/3 each.

Size	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$ in.
Price	3/-	3/-	3/2	3/2 each.

No. 374W.

Beech
Handles,
3d. each
extra.

Size	...	...	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$ in.
Price	...	...	3/-	3/-	3/2	3/2 each.

All edge Tools bearing our name are guaranteed to be of the very best quality.

Bronze Medal, 1884.—Gold Medal, 1890.

Long Thin Paring Chisels.

No. 375W.



Size	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2 in.
Prices, Unhandled	-/6	-/7	-/7½	-/8	-/9	-/10	-/11	1/4	1/7	1/10	2/4 ea.
With Round Beech Handles	-/8	-/9	-/9½	-/10	-/11	1/-	1/1	1/6	1/9	2/1	2/6 "
" Box	-/9½	-/10	-/10½	-/11	1/0½	1/1½	1/2	1/8	1/11	2/3	2/7 "
" Octagon "	-/10	-/10½	-/11	-/11½	1/0	1/1	1/2	1/8	1/11	2/3	2/8 "

No. 376W.



Size	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2 in.
Bevelled Edge, Unhandled	-/11	-/11	-/11½	1/-	1/1	1/1½	1/3	1/9	2/1	2/6	2/11 ea.
With Octagon Box Handles	1/3	1/3	1/4	1/5	1/6	1/6	1/8	2/2	2/6	3/-	3/6 "
" Round "	1/2	1/2	1/3	1/4	1/5	1/5	1/7	2/1	2/5	2/11	3/3 "

Socket Firmer Chisels.

No. 377W.



These Tools are tempered by an improved process, ensuring a perfect cutting edge, the Blade and Socket of the Chisel being highly polished, and Socket fitted with Hardwood Handle.

Size	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2 in.
Price	-/10	-/11	1/-	1/1	1/2	1/3	1/4	1/6	1/8	1/10	2/- each.
Chisels, Handled (as Illustration), the Set of 6, $\frac{1}{4}$ to $1\frac{3}{4}$ in. ... 8/- per set.											



Sets of Socket Firmer Chisels.

No. 378W.

The Complete Set of 12 Chisels, assorted sizes from $\frac{1}{8}$ up to 2 in., in Polished Wood Box.

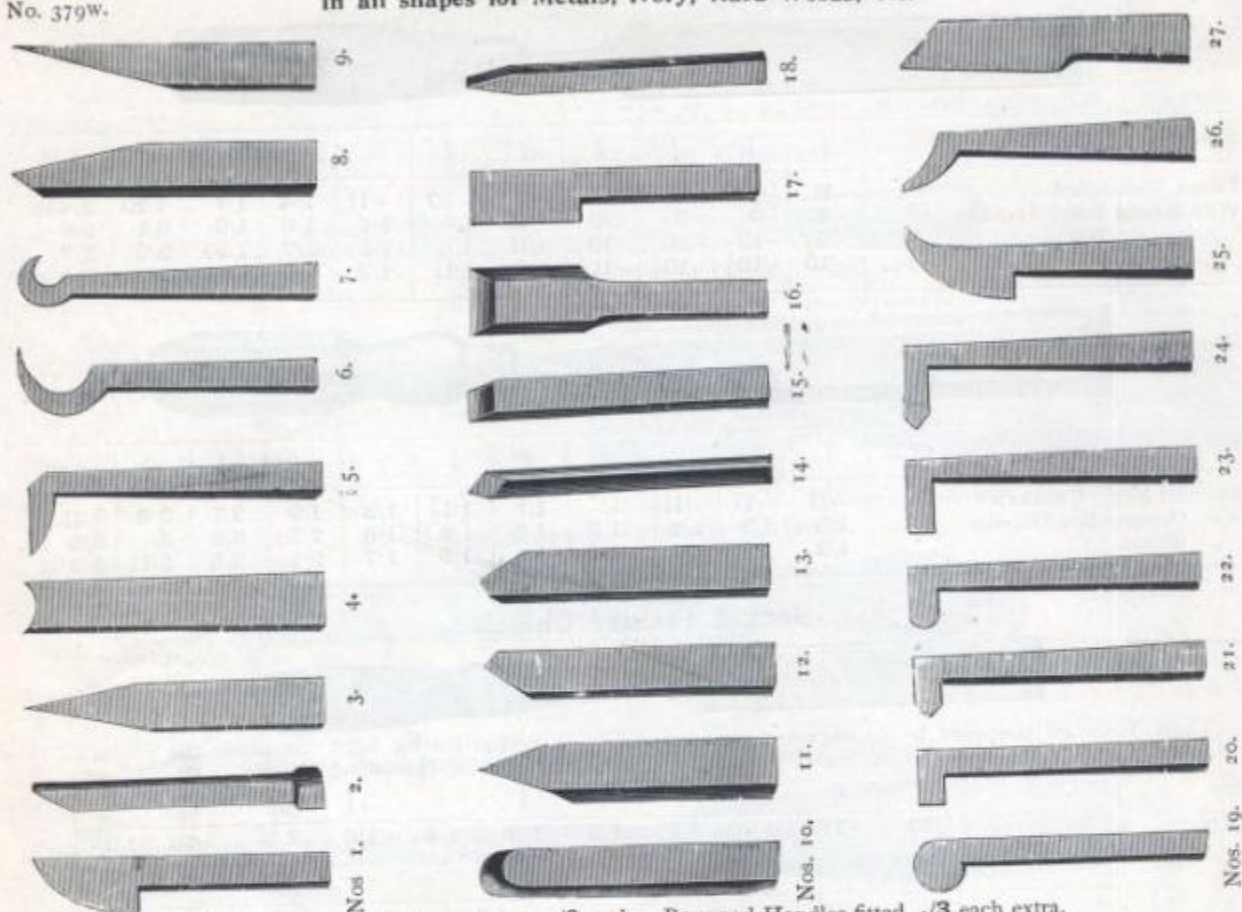
Price 22/- per set.

All Edge Tools bearing our name are guaranteed to be of the very best quality.
Tool, Machine, and Hardware Merchants and Manufacturers.

Turning Tools of Best Sheffield Steel.

In all shapes for Metals, Ivory, Hard Woods, etc.

No. 379w.



Price, either of the above shapes, -/9 each. Boxwood Handles fitted, -/3 each extra.

Sets of Turning Tools for Metals, etc.

Fitted with Box Handles.

No. 380w.



Price, Sets of 6 assorted, 6/6 per set.



Sets of 12 assorted, 12/9 per set.

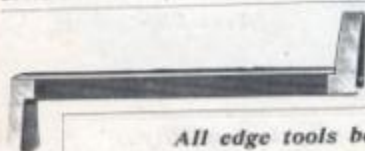
Wheelers' Socket Bruzzes. No. 381w.

Size	...	$\frac{1}{2}$ in.	$\frac{3}{4}$ in.	$\frac{1}{2}$ in.	$\frac{3}{8}$ in.
Price	...	2/10	3/-	3/3	3/6 each.



Drawer Lock Chisels.

No. 382w.	No. 383w. Boxwood
Price -/9 each.	Handled. 1/- each.



All edge tools bearing our name are guaranteed to be of the very best quality.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

No. 384w.



Best C.S. Turning Gouges.



No. 385W.

No. 385w.											in.
Size ...	$\frac{3}{8}$ to $\frac{1}{2}$	$\frac{1}{4}$ to $\frac{3}{8}$	$\frac{1}{2}$ to $\frac{3}{4}$	$\frac{3}{4}$ to 1	1 to $1\frac{1}{4}$	$1\frac{1}{4}$ to $1\frac{1}{2}$	$1\frac{1}{2}$ to $1\frac{3}{4}$	$1\frac{3}{4}$ to 2	2 to $2\frac{1}{2}$	$2\frac{1}{2}$ to 3	each.
Without Handles ...	-6	-7	-7	-8	-9	-10	1/-	1/1	1/5	1/10	
With Beech Handles ...	-9	-10	-10	1/-	1/0	1/2	1/3	1/5	1/9	2/3	

No. 387w.

No. 386W.

8 sizes, $\frac{1}{8}$ to 1 in. ...	Price 6/9 per set.
12 " $\frac{1}{8}$ " $1\frac{1}{2}$ " ...	11/3 " "

No. 387w.

8 sizes, $\frac{1}{8}$ to 1 in. ...	Price 8/- per set.
12 " $\frac{1}{8}$ " $1\frac{1}{2}$ " ...	" 13/6 " "

No. 388w..

Fitted in Beechwood Handles



Price 1/3 each.

No. 389w.



Set of 6 Tools, Assorted, for Wood and Metal, in Ash Handles. Price 5/9



No. 390W.

Set of 6 Light Turning Chisels
and Gouges for Wood.
Price 4/6

There are Two Ways of Meeting Competition: One is to cheapen quality and cut prices, the other is to make and supply articles of better quality than those obtainable elsewhere. The latter is our method and *superior quality* is THE argument for MELHUISS'S TOOLS. It will be to your advantage to pay for quality.

A large and varied Stock of Engineers' Tools and Motor Accessories.


Best Cabinet Screwdrivers.

Length of Blade ...		3	4	5	6	7	8	9	10	12 in.
No. 391w.	Flat Beech Handled Pattern	-/6	-/7	-/8	-/9	-/11	1/-	1/3	1/6	2/3 each.



No. 392w.	Oval Beech Handles	-/9	-/10	-/11	1/-	1/3	1/4	1/8	1/10	2/- each.
" 393w.	Oval Boxwood Handles	1/-	1/3	1/6	1/9	2/-	2/3	2/6	2/9	3/3 "

No. 393½w. **Oval Cabinet Screwdrivers.** Blade 3 in. × ½ in. Beech, -/6 each. Box, -/7 each.

No. 394w.

London Pattern Screwdrivers.

Cast Steel Blades, spring temper, cut into Strong Brass Ferrules.

Blades	3	4	5	6	7 in.
Price	-/6	-/7	-/8	-/9	-/11 each.
Blades	8	9	10	12 in.	
Price	1/-	1/3	1/6	2/- each.	


Electrician's Screwdrivers.

No. 395w.



Round Beech Handles.

Blade		4 × ½	6 × ½	8 × ¾	10 × ¾ in.
Price		-/4	-/4½	-/5	-/5½ each.

No. 396w. As used by **Typewriters** and others. Round Rosewood Handles

Blade		2	3	4 in.
Price		-/3	-/3	-/4 each.

No. 397w.

Oval Boxwood Handles.

Blade		6 × ½	8 × ¾	10 × ¾ in.
Price		-/9	-/11	1/3 each.



No. 398w.



Octagon Boxwood Handles.

Blade		6 × ½	8 × ¾	10 × ¾ in.
Price		-/6	-/7	-/8 each.

Short Bench.

No. 399w.



Blade		2	2½	3 in.
Beech Handles		-/7	-/9	-/10 ea.

Oval Handle.

1½ in. Blade.

No. 400w. Broad End.



Beech Handles	-/9 each.
Boxwood Handles	1/-

Short Bench.

No. 401w.



Blade		2	2½	3 in.
Oval Beech Handles		-/9	-/10	1/- ea.

No. 402w.

Oval Boxwood Handle Screwdrivers.

Blade		3	4	5	6	7	8	9	10 in.
Price		-/4½	-/6	-/7½	-/9	-/10½	1/-	1/1½	1/3 each.



NOTE: All Screwdrivers are Measured and Priced by the length of Blade only.

Contractors to the Home, Indian, and Colonial Governments.

The "Perfect" Screwdriver. No. 403W.

A special highly finished Solid Pattern.
Can be used as a Hammer.



Blade... 4 5 6 7 8 10 12 in.
Price ... 1/1 1/4 1/7 1/10 2/1 2/7 3/1 each.

Square Section. No. 404W.

For Heavy Work.

Blade ... 4 1/2 5 in.
Price ... 3/3 3/4 each.



Gun and Machine Makers' Screwdrivers. No. 405W.

Drop Forged from Best Tool Steel, Spring
Tempered, with Fancy Wood Handles.



Blade ... 3 x 1/4 3 x 5/8 in.
Price ... 1/6 1/6 each.

In and Out Screwdriver.

No. 406W.



Simple in construction and simple to operate; the mere turning of the shell near the handle shifting the movement from right to left or vice versa. By turning the shell half-way it locks the spiral so that it can be used as an ordinary driver, and at different lengths. By using a mechanical device we have tested this tool against a resistance equal to driving a 1 1/2 screw. After giving it one hundred thousand movements or plunges we are unable to detect any wear.

Price, complete with 3 Bits (two of them double end, giving 5 points in all) ... 6/3 each.
" as above, with Chuck Head and 8 Drill Points ... 8/3 "

Reversible, Automatic, and Interchangeable Screwdriver.

No. 407W.



The simplest, most compact, strongest, and in every way most practical tool for both driving and drawing screws automatically, and is capable of driving good size screws or withdrawing those that are tightly fixed. It has a separate spiral for each right and left hand twist, which prevents possibility of wear, and the adjustment is neat and instantaneous.

Price, with 3 Bits ... 5/6 each.



No. 408W.



The Chuck and eight Drills illustrated will be found a very useful addition to the above screwdriver.

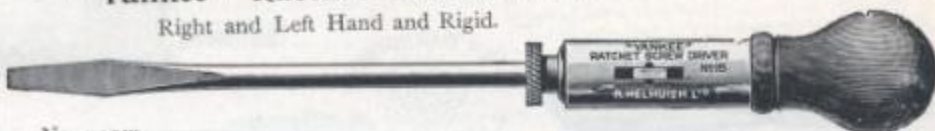
Price ... 2/6 complete.

Bronze Medal, 1884.—Gold Medal, 1890.

"Yankee" Ratchet Screwdriver.

Right and Left Hand and Rigid.

Blade is $\frac{3}{8}$ in. diam., and can be turned with finger and thumb by means of the knurled washer while the hand presses on handle to hold screw in place.



No. 417W.

Length of Blade	...	2	3	4	5 in.
Price	...	1/4	1/5	1/7	1/8 each.

"Yankee" Ratchet Screwdriver.

Adjustment for Right or Left Hand is made by slide moved in direction of length of blade.



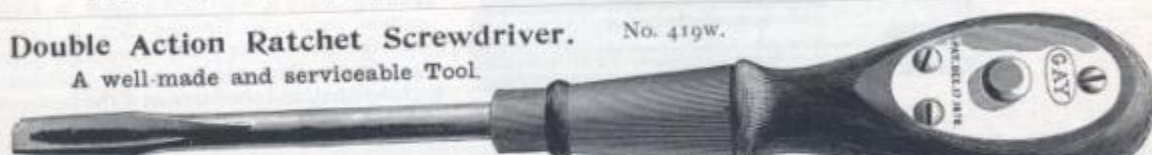
No. 418W.

Length of Blade...	...	2	3	4	5	6	8	10	12 in.
Price	...	1/2	1/6	1/8	1/9	2/1	2/6	2/9	3/- each.

Double Action Ratchet Screwdriver.

A well-made and serviceable Tool.

No. 419W.

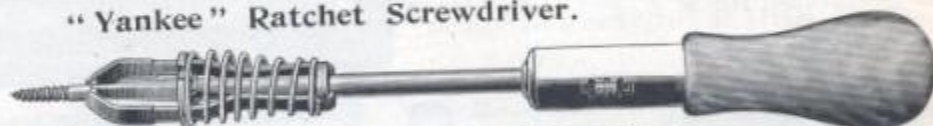


Length of Steel Blade	...	5	6	8	10	12 in.
Price...	...	3/-	3/3	3/9	4/-	4/3 each.

No. 420W.

Right and Left Hand and Rigid.
With Screw Holder Attachment.

"Yankee" Ratchet Screwdriver.



Length of Blade	...	3	4	5	6	8 in.
Price	...	2/8	2/10	2/11	3/3	3/8 each.

"Yankee" Magazine Ratchet Screwdriver.

No. 421W.

With easily removable and interchangeable Blades, which are contained in the Handle when not in use.



Length of Shank, 6 in.; entire length, 11 1/4 in. Price 3/9



Tool Set in handsome Oak Case.

No. 422W.

1 Spiral Ratchet Screwdriver with Chuck and 8 Drills from $\frac{1}{8}$ to $\frac{1}{4}$ in., also a Countersink to same.

1 Ratchet Screwdriver with 6 in. Blade.

1 ditto, with Finger Turn or Blade, Blade 3 in. long.

Price complete ... 16/6

Orders of 20/- and upwards Carriage Paid (with few exceptions).

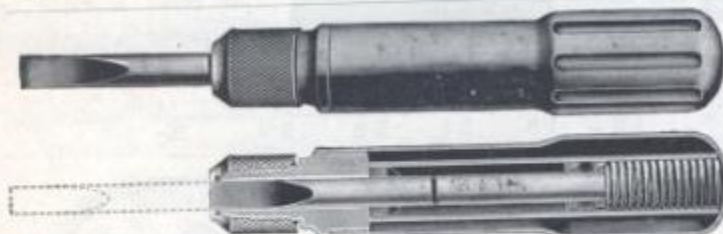
No. 423W. Pocket Screwdriver Set.



This little Pocket Screwdriver Set, with three blades of assorted sizes, and one reamer for making or enlarging holes, will be found most convenient and attractive. In the explanatory cut the tool is shown in its closed form, with a side cut away to show the location of the different blades in the handle. The tool is fully polished, nickel-plated, and buffed. It is $3\frac{1}{4}$ in. long closed, and weighs 4 oz.

Price 1/7 each.

No. 424W. Pocket Screwdriver.



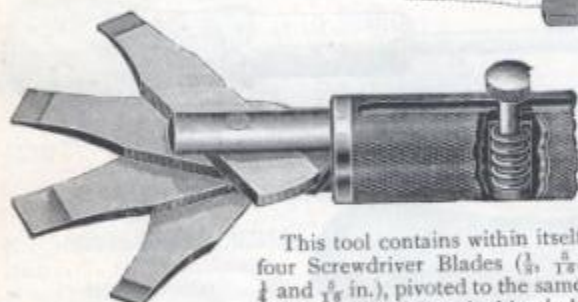
This Pocket Screwdriver, shown in an open position, can be closed by pressing upon the end of the blade and giving a slight turn to the Knurled Nut; it will then remain in a closed position until the Knurled Nut is loosened, when the screwdriver blade immediately springs into place. The handle is full polished and nickel-plated, and the blade is of the best quality.

Length, closed, $4\frac{1}{4}$ in.; open, 6 in.; weight, 4 oz. Price 1/7 each.

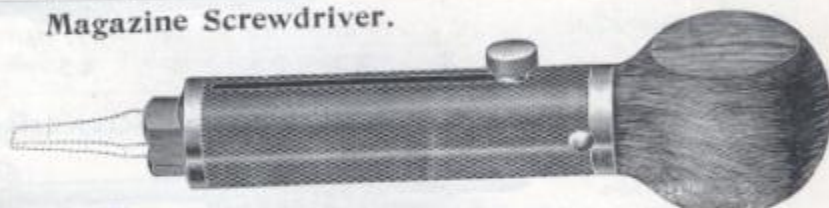
Magazine Screwdriver.

No. 425W.

With Rosewood or with Drop Forged Steel Handle.



This tool contains within itself four Screwdriver Blades ($\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$ and $1\frac{1}{8}$ in.), pivoted to the same slide. By raising locking-bolt and pressing slide forward the blades swing out. The required blade being selected and the slide drawn back, the tool is ready for use. Price, either pattern, 4/- each.



Highly finished and nickelled. A compact and handy tool. Length, when closed, $3\frac{1}{2}$ in.

"Yankee" Pocket Screwdriver.

No. 426W.



Nickel-plated Steel.

Size, when closed, 3 in. long \times $\frac{5}{8}$ in. diam. The Blades are kept in the magazine formed by the handle. Price 2/6

Patent Screwdriver.



No. 427W. With Hardwood Handle, $1\frac{1}{4}$ in. diameter.

The steel shank has a socketed end to which is fitted a set of 3 screwdriver tips of different sizes, adapted for screw-heads from very small up to $\frac{3}{8}$ in. Either tip may be instantly withdrawn or inserted. Length 10 in. over all.

Price with 3 Tips, 2/6 each. Extra Tips, -/9 per set of 3.

No. 428W.

Patent Combination Screwdriver.

The same tool as the foregoing with the addition of a set of 3 Bradawls, also a sleeve with spring fingers which grasp the head of a screw and hold it against the screwdriver so that it may be driven home straight and true. These spring fingers also hold the Bradawls and prevent their being pulled out. One tool may be instantly changed for another.

Price, complete with 3 Screwdriver Tips and 3 Bradawls



4/6 each.

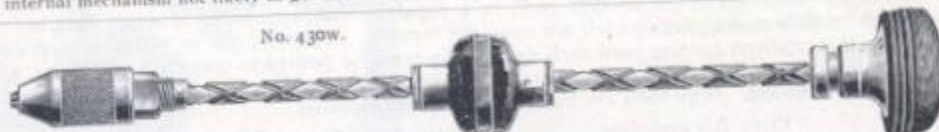
A large and varied Stock of Engineers' Tools and Motor Accessories.

Reciprocating Automatic Drills for Steel, Brass, Wood, etc.

These Drills are capable of drilling with comparative ease $\frac{1}{2}$ in. Twist Drills in Iron will be found very useful for drilling holes where Braces, Breast Drills or Hand Drills cannot conveniently be brought into play. They are so constructed that the Drill runs continuously to the right during both the forward and backward movement, and hence drills continuously. The pressure against the Head to feed the Drill is met by a ball bearing to reduce the friction.



No. 429w.
With Polished Cherry Handle, Lignum Vitae Head and Three-Jawed Chuck, with capacity up to $\frac{1}{2}$ in. Well constructed and finished and with simple internal mechanism not likely to get out of order. Price 6/- each.

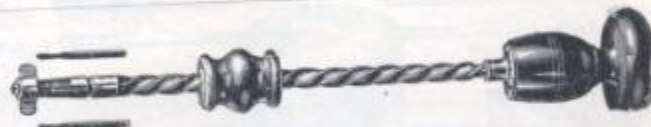


No. 430w.
With special Three-Jawed Chuck to hold any Drill with straight Shank $\frac{1}{8}$ in. diameter or less. To open or close Chuck move Driver up to Chuck and push down Catch in lower end of Driver which holds fast Driver on Spindle. After Drill is put in Chuck and tightened, push up Catch releasing Driver from Spindle so that it can be moved back and forward to operate Drill. Movement of Driver is $8\frac{1}{2}$ in. Tool is 16 in. long over all, without Drill. Price, without Drills, 8/- each.

Archimedian Drill.

No. 431w.
With Universal Head and 6 Bits.

	6	8	10	12 in.
Price	1/3	1/6	1/9	2/- each.



Archimedian Drill.

No. 432w.



Extra Strong, with Iron Breast Plate, Brass Ball, Screw End and Adjustable Screw Chuck.
Length 14 in. Price, with 6 Drills, 4/6 each.

Centrifugal Drill.

No. 433w.



8 in. long, Wood Ball, Adjusting Screw End, and 6 Bits. Price 9/- each.
12 in. long, Wood Head, and 6 Bits. Price 1/- each.

"Yankee" Push Brace.

No. 434w.



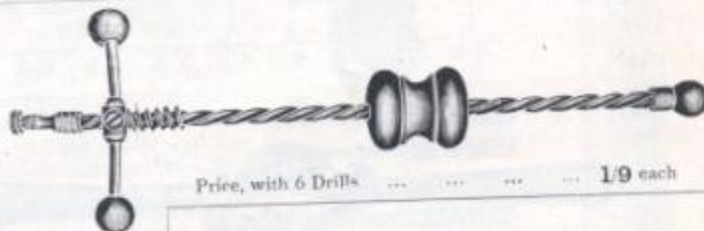
Price ...

This tool is so named because it will hold all the small tools used in a Bit Brace, but is operated by pushing the handle to revolve the tools, in the same manner as in the "Yankee" Spiral Ratchet Screwdriver.
It will, with little effort, bore $\frac{1}{8}$ in. holes in metal, drive $\frac{3}{8}$ in. Auger Bit in hard wood, and $\frac{1}{2}$ or $\frac{3}{4}$ in. Bits in white pine.
It can be used for drilling, tapping and as a Screwdriver.
Extreme length without Bit, extended, 23 $\frac{1}{2}$ in.; closed, 16 $\frac{1}{2}$ in.
Price ... 10/6 each.

No. 435w.

Centrifugal Drill Brace, with Brass Balls.

Strong, with Brass Head and Wood Grip.
Length 10 in. over all.



Price, with 6 Drills ... 1/9 each

No. 436w.



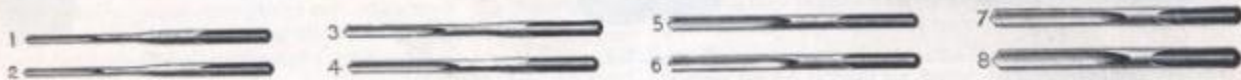
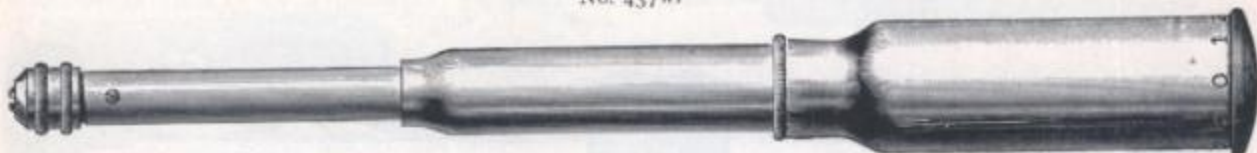
All Metal Centrifugal Drill Brace.

First-class manufacture and finish. Nickel-plated. Total length 14 in.
Price ... 3/- each.

Contractors to the Home, Indian, and Colonial Governments.

Automatic Drills.

No. 437W.

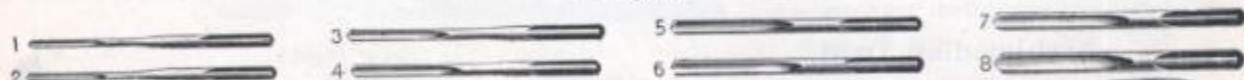


The Drill Points are contained in the handle, each in a separate compartment; the exact location of each size is seen at a glance, as the numbers designating each are upon the outside. When in use or not a pin springs upwards into the hole and prevents the cap from turning until such time as the operator desires to remove a drill point, when by pressing slightly upon the pin the cap can be turned either to right or left, until the hole is opposite the desired number, when the point can be readily removed. The tools are made of brass, nickel-plated.

Price **5/-** complete.

Extra Drill Points, **2/3** per doz.

No. 438w.



This is the same type of Drill as shown above, except that it has cocobola handle and no independent place for the bits. It has nickel-plated brass sheath, in which a durable spring is inserted, enabling one to bore holes with speed and accuracy.

Price 4/9 complete.

Extra Drills, **2/3** per doz.

Boxes and Taps for Wood Screws.



No. 439W.

Size	$\frac{2}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{2}$	$2\frac{3}{4}$	3 in.	
Price	3/6	3/6	3/9	4/-	4/9	5/3	5/9	6/3	7/6	9/6	12/9	17/-	21/-	25/- 30/6 each.



No. 440W.

This pattern of Screw Box and Tap is made of metal, and is constructed with a view of cutting a cleaner thread and with more ease than the ordinary pattern. (The large sizes have two handles as shown.)

Size	6/6	6/9	7/3	8/6	9/6	10/3	11/6	12/6 in.
Price	6/6	6/9	7/3	8/6	9/6	10/3	11/-	13/- complete.

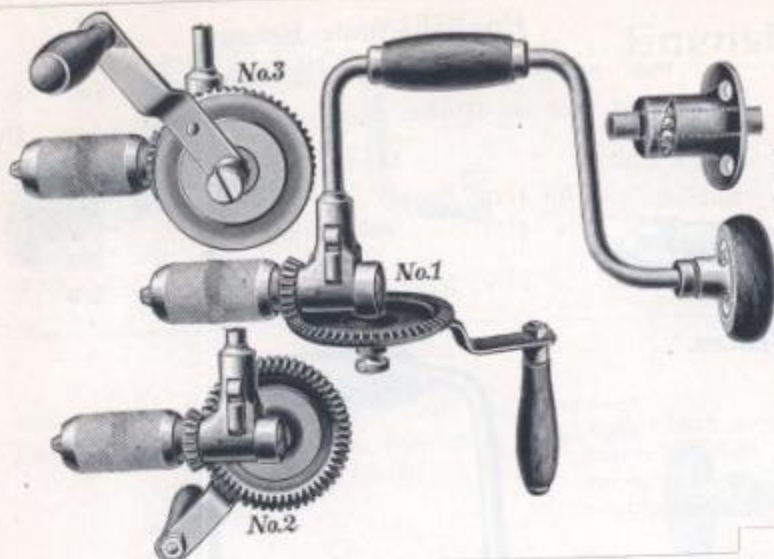
Bronze Medal, 1884.—Gold Medal, 1890.

Drill Brace.

No. 441W.

This Drill Brace has many valuable improvements. The ratchet is so arranged that both dogs can be thrown out of gear with the ratchet teeth at the same time, to allow the tool to be used as a breast drill. The gear can be instantly swivelled around into any one of three positions, as shown in the illustrations. With the gear detached the tool becomes one of our highest grade of braces of 10 in. sweep. Nothing better in the brace line has been made.

Price ... 12/6 complete.



Bit Gauge.

No. 442W.

As will be seen by the illustration, the Gauge is secured to the Bit at any point by the use of a clamp, actuated by two thumb nuts. The entire Tool is Nickel-plated.

Price ... 1/4 each.



Automatic Pocket Borer.

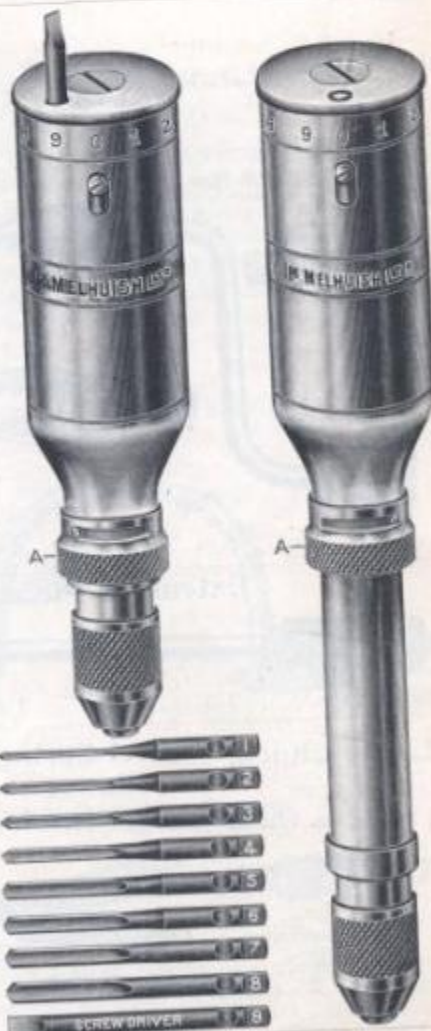
No. 443W.

This Boring Tool will be found very convenient, as when compressed it may very easily be carried in the pocket. In addition to this feature of compactness, it possesses all the good characteristics of regular Borers. The magazine handle contains in cells eight drill points, ranging in size from $\frac{1}{16}$ in. to $\frac{1}{4}$ in., and numbered from 1 to 8. Cell No. 9 contains a small screwdriver which may be used in the Borer. This, however, should only be used when the tool is compressed, or, in other words, when the plunger is forced back into the handle and secured there.

DIRECTIONS.—To compress or close the Borer, press the end of the chuck against some hard substance that will not mar, until the small projecting pin on the side near the chuck slips underneath the slotted knurled shell "A," then turn the shell "A" to the right, and the Borer will remain compressed in pocket form. To release the spiral, turn the shell "A" to the left and the spiral will spring out.

The magazine handle may be operated by placing the opening in the top of cap over the number of the drill point desired, and then letting the drill point drop out.

Price ... 7/- each.



Should you fail to find in this Book exactly what you are looking for, send us a statement of your requirements.

This Book is but one of a series. We also issue Catalogues of Engineers', Electricians' and Metal Workers' Tools, Horticultural and Estate Agents' Requirements, Builders' Ironmongery, etc., etc., and the whole set forms the largest, the most complete, and the most comprehensive Catalogue in the trade.

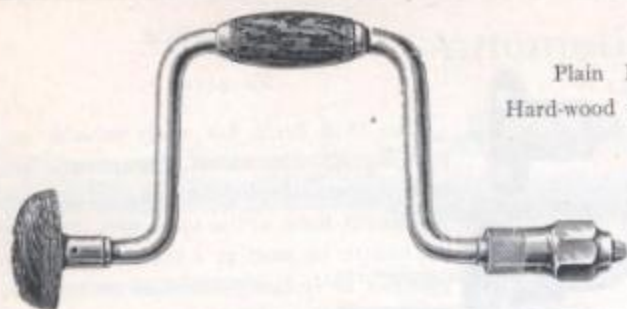
RICHARD MELHUISH, Ltd., London.

Established A.D. 1828.

Tool, Machine, and Hardware Merchants and Manufacturers.

English-Made Braces.

Plain Pattern with Chuck to take any ordinary square bit.
Hard-wood Head and Handle; Steel Jaws and Sweep.



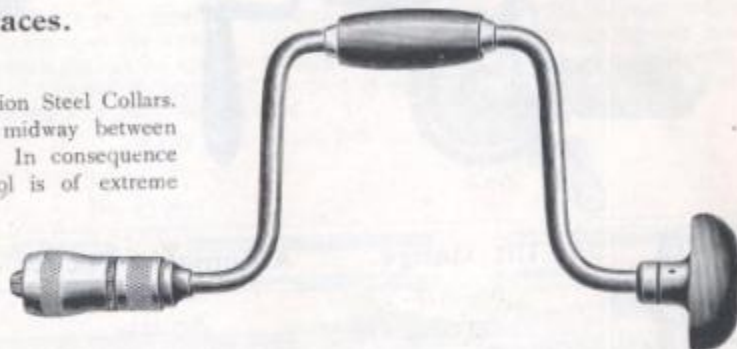
	Sweep	...	5	8	10 in.
No. 444W. Bright	1/6	1/6	1/9 each.
" 445W. " Ball Bearings to Head	1/8	2/-	2/3 "
" 446W. Nickel-plated	2/-	2/6	2/9 "

Improved Bit Boring Braces.

No. 447W.

Of Polished Steel, and fitted with Anti-friction Steel Collars. This pattern is intended to occupy a place midway between our highest and lowest priced Plain Braces. In consequence of all its threads being Lathe Cut, this tool is of extreme durability.

Sweep	...	...	8	10 in.
Price	...	...	2/-	2/3 each.

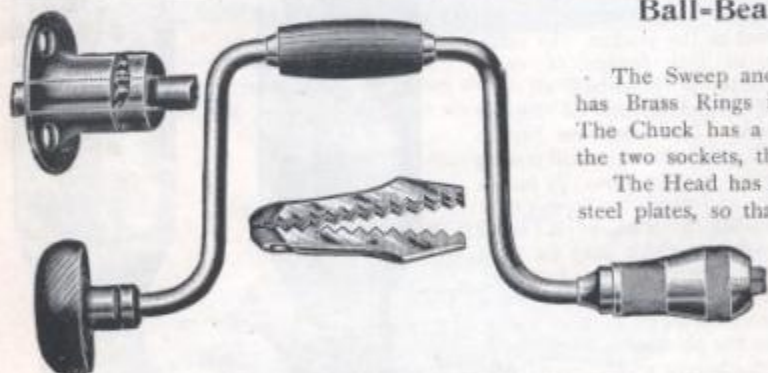
**Ball-Bearing Nickel-plated Braces.**

No. 448W.

The Sweep and Jaws are of Steel, and the Wood Handle has Brass Rings inserted in each end so it cannot split off. The Chuck has a hardened Steel Anti-friction Washer between the two sockets, thus reducing the wear.

The Head has a bearing of steel balls, running on hardened steel plates, so that no wear can take place, as the friction is reduced to the minimum. This Brace is of first-class material, workmanship, and finish, and is warranted in every particular.

Sweep	...	6	8	10 in.
Price	...	4/3	5/-	5/6 each.

**Extension Piece.**

No. 449W.

Length, 12 in.	...	1/3	18 in.	...	1/9	24 in.	...	2/3
----------------	-----	-----	--------	-----	-----	--------	-----	-----

Lathe Chuck.

No. 450W.

 $\frac{1}{2}$ in. or $\frac{3}{8}$ in. Shank.

To take ordinary Brace Bits.

Price ... 2/- each

Steel Spring Jaws.

No. 451W.



Alligator, -/9 ea.

No. 452W. Plain.



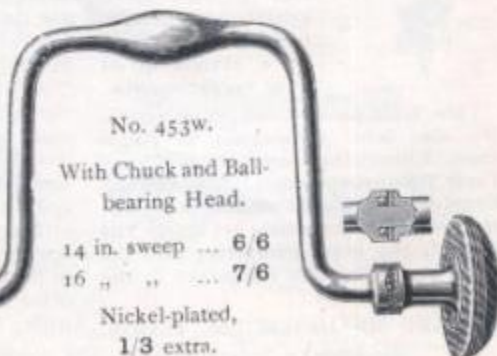
Nickel-plated, -/8 ea.

**Waggon Builder's Bright Braces.**

No. 453W.

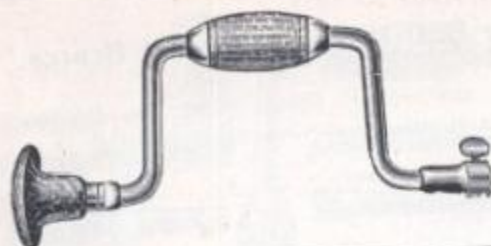
With Chuck and Ball-bearing Head.

14 in. sweep	...	6/6
16 " " "	...	7/6

Nickel-plated,
1/3 extra.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

English-made Braces.



No. 454W.

Plain Pattern, Square Socket with Thumbscrew.

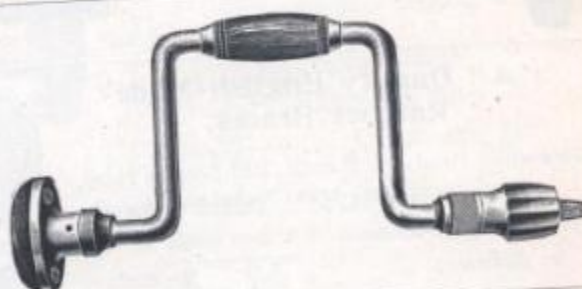
Polished	...	...	...	7 in. Sweep.
Price	...	...	...	1/3 each.

Plain Pattern.

No. 455W.

Best Quality, with Lignum Vitæ Head and Rosewood Handle, Steel Sweep and Jaws, Ball-bearing Head, and Registered Chuck.

Sweep...	...	8	10 in.
Price ..	...	3/6	4/- each.



Best Quality Ratchet Brace.

No. 456W.

With Lignum Vitæ Head and Rosewood Handle, Steel Sweep and Jaws, and Registered Chuck.

This pattern has, in addition to a Ball-bearing Head, a Ball-bearing Handle, viz. each end is fitted with a Steel Ball Race, adjusted by Steel Cones. There is also a Ball Race between Ratchet Head and the Spindle which carries the Jaws.

Sweep ...	8	10	12 in.
Price ...	8/-	8/6	10/- each.



Bright Smith's Brace.

No. 457W.

With Iron Head and 8 in. Sweep.

Price	4/6 each.
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Hand Ratchet Brace.

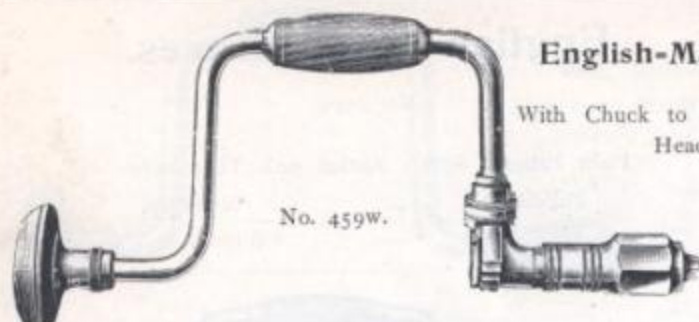
No. 458W.

10 in. long, Bright	4/- each.
10 in. " Nickel-plated	5/- "

This can also be used as an Engineer's Brace for Holes not exceeding $\frac{1}{8}$ in. diameter.



A large and varied Stock of Engineers' Tools and Motor Accessories.



No. 459w.

English-Made Ball-Bearing Ratchet Braces.

With Chuck to take any ordinary Square Shank Bit, Hardwood Head and Handle, Steel Sweep and Jaws.

	Sweep	...	5	8	10 in.
Bright ...	...	...	3/9	4/3	4/6 each.
Nickel-plated ...	...	...	4/9	5/-	5/3 "

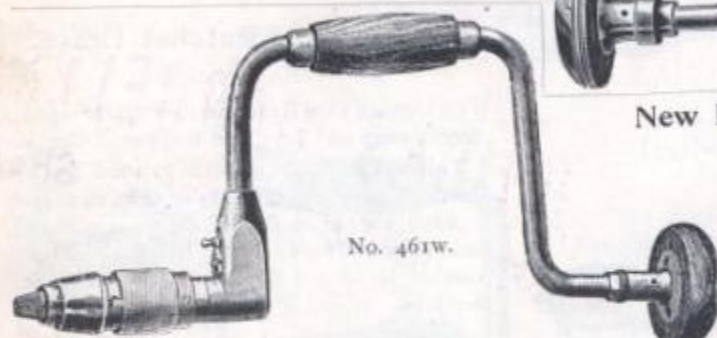
"A" Quality English-Made Ratchet Braces.

Rosewood Head and Handle, Ball-Bearing Head, Steel Sweep and Jaws, Nickel-plated.

	Sweep	...	8	10 in.
As illustrated ...	...	...	5/9	6/- each.



No. 460w.



No. 461w.

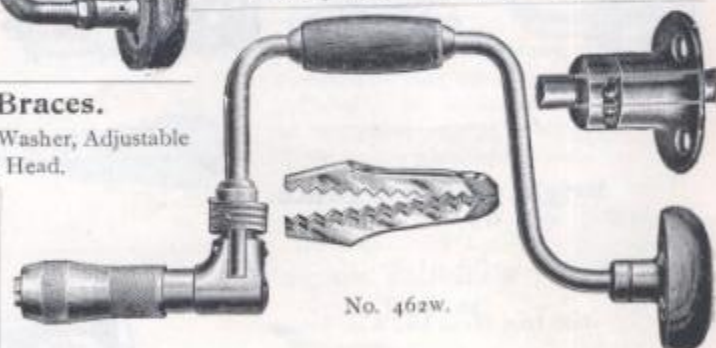
New Pattern Ratchet Braces.

With Quick-Action Chuck, Ball-Bearing Lignum Vitæ Head, Adjustable Hardwood Handle, Steel Sweep and Jaws.

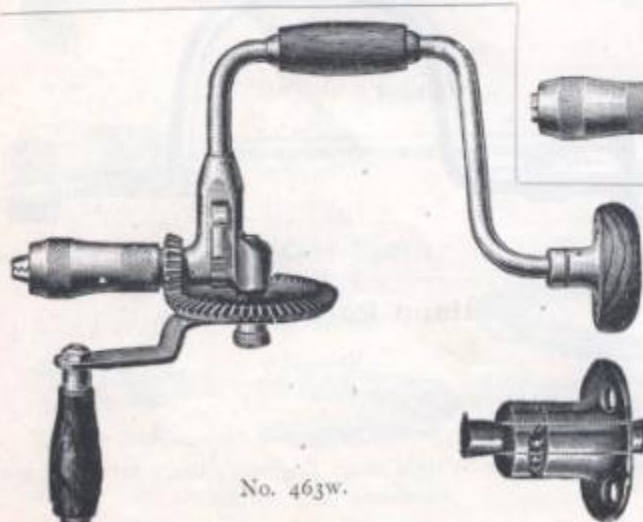
	Sweep	...	8	10 in.
Nickel-plated ...	...	...	7/6	8/6 each.

American Pattern Ratchet Braces.

Crocodile Steel Jaws, Chuck fitted with Anti-friction Washer, Adjustable Bearings fitted to Handle, Ball-Bearing Head.



No. 462w.



No. 463w.

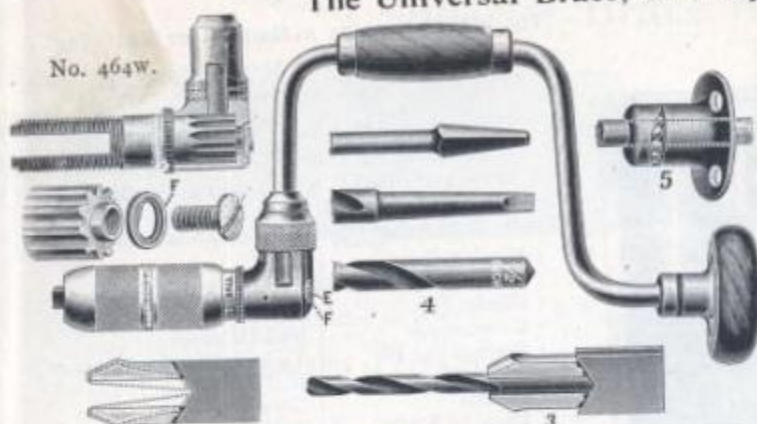
Drill Brace with Ball Bearings and Master Chuck.

To be used as an ordinary Ratchet Bit Brace or a Breast Drill. The Drill can be attached or detached in a minute. Of high-class quality and finish.

Price, 10 in. Sweep, 12/6.

Contractors to the Home, Indian, and Colonial Governments.

The Universal Brace, with Special Chuck.



This Chuck will hold, accurately and firmly, all varieties of bits, twist drills, etc., etc., with taper or parallel, square or round shanks, from $\frac{1}{8}$ to $\frac{1}{2}$ in. in diameter.

No. 1. Shows the *unbreakable* socket made from solid bar steel.

No. 2. The Jaws always open *exactly parallel* unless a Tapering Shank is to be held, when they *adjust themselves exactly* to the shape to be used. (See dotted lines.)

No. 3. Shows the Jaws grasping a $\frac{7}{8}$ in. Straight Shank Twist Drill.

No. 4. Shows a few of the variety of Shanks this Chuck will hold.

No. 5. Shows the Quill with ball bearing.

Sweep	10	12	14 in.
Price	7/6	8/6	9/6 each.

Best Plated Beech Brace.

No. 465w. With Brass Neck Head and 36 Bright Bits of well-assorted shapes and sizes.

Price 31/6 complete.



Improved Nickel-plated Steel Brace.

No. 466w.

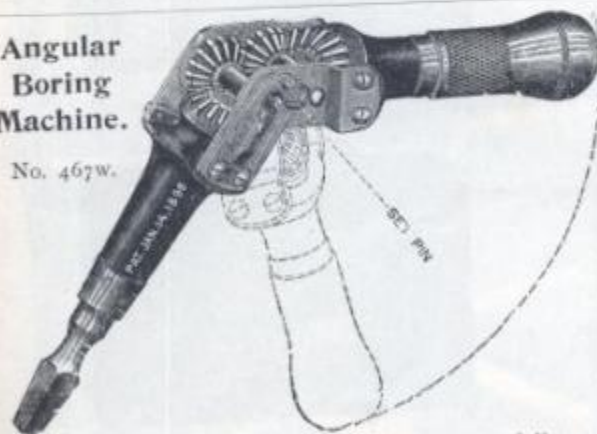
Best Quality, and fitted with 24 Bright Cast Steel Bits, assorted.

Price 21/- complete.



Angular Boring Machine.

No. 467w.



The Chuck turns as far as shown by the dotted line, and is locked firmly with the Set Pin at the desired angle. The teeth are cut and the gearings turned from bar steel; shaftings and side plates are of Bessemer steel, and castings of malleable iron. All parts are turned and fitted perfectly true.

Price ... 15/6 each.

Angular Bit Stock.

No. 468w.

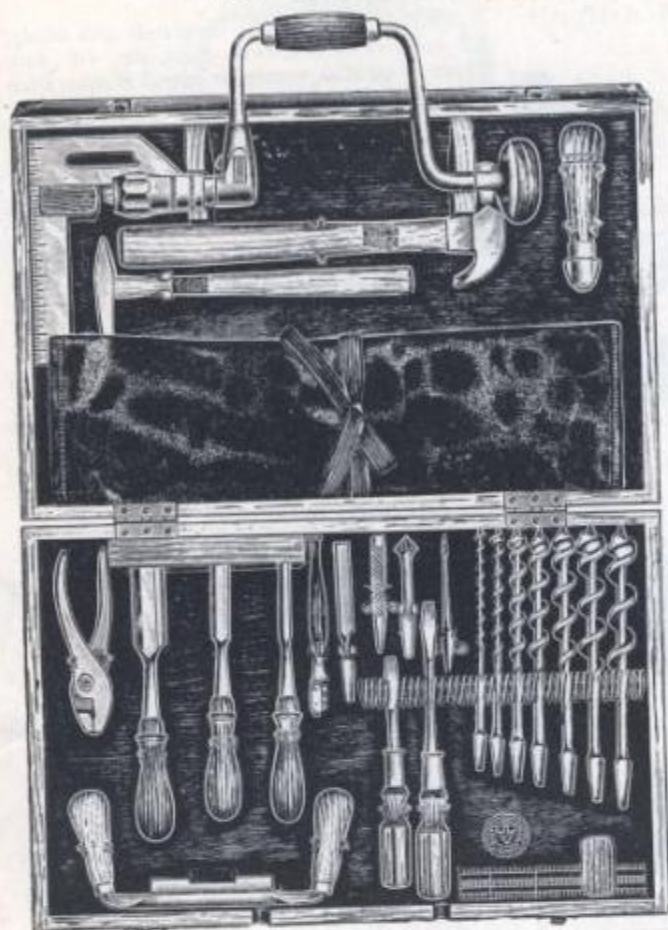


This is an improvement on and takes the place of the original pattern. Crocodile instead of plain jaws are now supplied, and the angular adjustment is now much simplified and strengthened.

Price ... 6/- each.

Bronze Medal, 1884.—Gold Medal, 1890.

New Tool Outfit in Case.



Open.



Closed.

No. 469w.

The Brace acts as a Handle for Carrying.

The Case is trimmed with Metal Corners and Bolts and is easy to carry.

Size $21 \times 13\frac{1}{2} \times 4$ in. Weight about 19 lb.

Contains 40 Warranted Tools as follows:—

6 Saws, viz.: Hand, Rip, Pruning, Metal-cutting, Compass, and Keyhole, with Special Take-down Handle to fit either Blade.

- | | |
|-------------------|---------------------------|
| 1 Ratchet Brace | 1 Rule |
| 7 Auger Bits | 1 Try and Mitre Square |
| 1 Gimlet Bit | 1 Pair Combination Pliers |
| 1 Countersink | 1 Nail Hammer |
| 1 Screwdriver Bit | 1 Tack or Riveting Hammer |
| 2 Screwdrivers | 1 Nail Set |
| 3 Chisels | 1 Glass Cutter |
| 1 Drawing Knife | 10 Tools in Tool Holder |

(The set of Saws is packed in Canvas Pocket.)

Price £3 : 5 : 6

Machinist's Tool Cases.

No. 470w.

Strongly made, covered with a waterproof imitation of leather, and very handsome. Each has 5 Drawers, Brass Lock with 2 flat Keys, Leather Handle, and Metal Corners.



Open.



Closed.

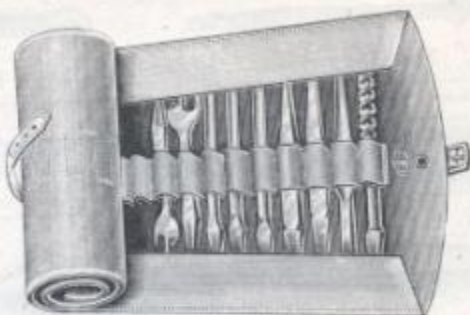
Size A. 16 in. long \times 9 in. wide \times 10 $\frac{3}{8}$ in. high.
Price £1 : 17 : 6Size B. 20 $\frac{1}{2}$ in. long \times 9 $\frac{1}{2}$ in. wide \times 11 $\frac{1}{2}$ in. high.
Price £2 : 1 : 0**Tool, Machine, and Hardware Merchants and Manufacturers.**

Superior Brace Bit Rolls.



No. 472W.

Brown Canvas Bit Rolls to take 36 Bits	...	2/3 each.
Leather Bit Rolls to hold 40 Brace Bits	...	3/- "
Green Baize Bit Rolls to hold 36 Brace Bits	...	2/3 "
Moleskin, for 40 Bits	...	4/- "



Empty Canvas Roll.

No.
474W.



With Pocket and Strap, fitted with solid Leather Bands to receive 12 Carving Tools.

Price ... 3/- each.



**Universal
Brace Bit
Holder.**

No. 473W.

Boxwood Handle with
Set Screw.

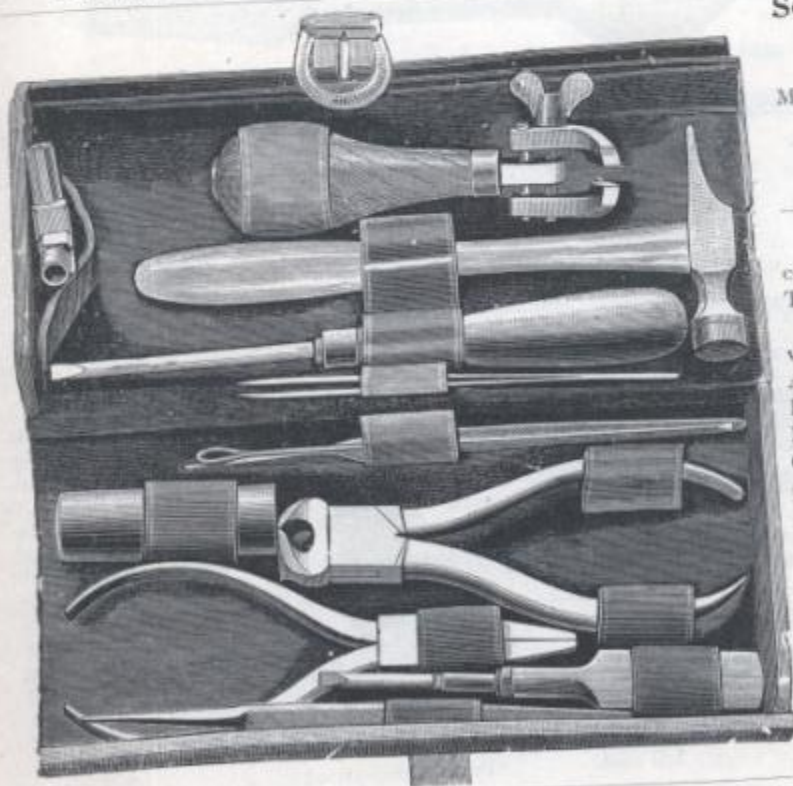
Price ... 1/- each.

Solid Leather Case of Tools.

No. 475W.

Metal Workers' Pocket Book fitted with a very useful selection of Best Tools.

Price ... 18/6 each.



NOTE.—This section of our Catalogue contains the leading lines in Woodworkers' Tools, Machines, Accessories, etc.

We have other sections embracing a great variety of Engineers' Tools, Machines and Appliances, Electrical Goods, Motor Tools, Horticultural and Estate Agents' Tools, Builders' and Furnishing Ironmongery, etc. Copies of these sections will be sent per post on application.

We shall be glad to have inquiries from you, and to supply Catalogues for sending abroad. Particular attention is paid to packing for export, which is done with exceptional care by experienced men, and is greatly appreciated by the leading Shippers.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

Countersinks.



No. 476W. Rose.

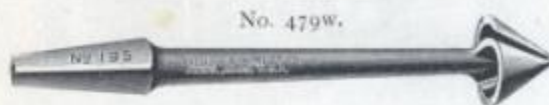


No. 478W. Flat.



No. 477W. For Wood.

Size	...	...	...	...	...	1 in.
Best Black Rose Countersinks for Metals, etc.	...	...	...	...	...	1/3 each.
" " Snail " " Wood	...	...	...	...	...	1/2 "
" " Flat " " Iron, etc.	...	...	...	...	...	—



No. 479W.

New Pattern Double-Lip Countersink.

The only double-lip self-centring wood countersink that has a keen cutting edge. It is made from the best steel, forged, twisted and tempered, and can be sharpened from the inside with a round file. Price, $\frac{1}{8}$ in., 1/3; $\frac{3}{8}$ in., 1/6 each.

Adjustable Countersink.

This tool fits any double-cut bit from $\frac{1}{8}$ to $\frac{3}{8}$ in., and by its use countersinking and boring can be done at the same time. It also acts as a gauge. For wood only.

Price ... 1/3 each.

No. 480W.



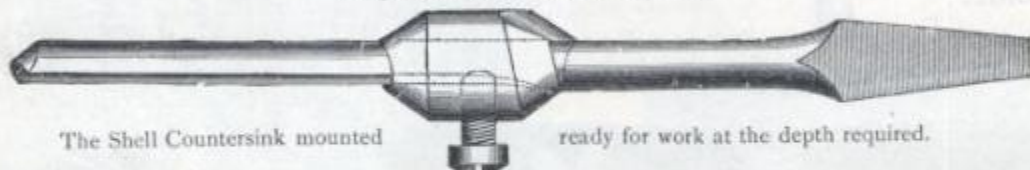
No. 481W.

Adjustable Countersink.

An improved form of shell countersink for wood, and is largely used where a number of holes have to be sunk to the same depth, which is regulated by the sliding gauge. Price 1/3 each. Without gauge, 1/10.

Registered Shell Countersink.

No. 482W.



The Shell Countersink mounted

ready for work at the depth required.

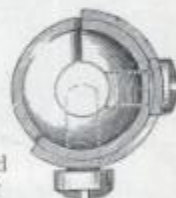


The Shell Countersink without Fence.
Price 1/- each.



Side view.

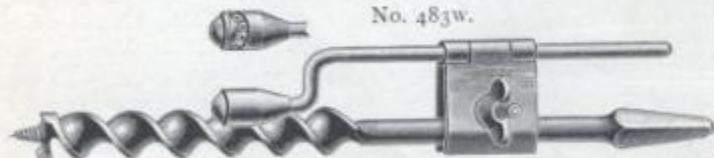
With Fence to bore the Countersink hole only to the depth required.
Price 2/- each.



End view.

Anti-friction Bit Depth Gauges.

No. 483W.



This Gauge is provided with a large Steel Ball which revolves as it comes in contact with the work. The object of this ball is to prevent defacing delicate or polished work. Price 1/9.



No. 485W.

This depth Gauge runs exactly parallel to the Auger Bit and projects sufficiently to clear any size of chuck
Japanned and polished ... 1/2 each.

Adjustable Bit Gauge.

No. 484W.



Will fit any bit up to 1 in. in diameter. With this tool any number of holes of a given depth may be bored. A stop is placed on both sides of the bit and when the proper depth is reached the bit remains upright and does not bend or break the worm. By loosening the thumbscrews the shank of the bit can be inserted into the gauge and the twist of the bit turned to the required depth.

Price, nickel-plated ... 2/3 each.

A large and varied Stock of Engineers' Tools and Motor Accessories.



Boring Bits. Gedge's Pattern.

No. 486w. Best quality, Bright.

Size ...	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$1\frac{1}{8}$	$1\frac{1}{4}$ in.	
Price ...	-/10	-/10	-/10	-/11	-/11	1/1	1/2	1/5	1/8	2/-	2/2	2/4	2/6 each

No. 487w. Jenning's Pattern.

Best quality, Bright. English make.



Size ...	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$1\frac{1}{8}$	$1\frac{1}{4}$ in.	
Price ...	1/-	1/1	1/2	1/2	1/2	1/4	1/6	1/8	2/-	2/3	2/6	3/-	3/6 each



Railway Carriage Bit.

No. 488w. 10-in. Twist.

Size	...	...	...	...	...	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$	1 in.
Price	...	...	...	...	...	1/6	1/6	1/6	1/9	1/9	2/-	2/3	2/6 each

No. 489w. Sash Bit. 12-in. Twist.

Size ...	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$1\frac{1}{8}$	$1\frac{1}{4}$ in.
Price ...	1/6	1/6	1/6	1/9	1/9	2/-	2/3	2/6	...	...	...	...



Waggon Builders' Screw Bits.

No. 490w. Leadbeater's Pattern.

Size	...	...	...	...	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$1\frac{1}{8}$	$1\frac{1}{4}$ in.
Price	...	...	...	...	1/4	1/4	1/6	1/8	1/10	2/2	2/6	2/8	3/-	3/6	each	

No. 491w. Gedge's Pattern Dowel Bits.

Size ...	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$1\frac{1}{8}$	$1\frac{1}{4}$ in.
Price ...	-/10	-/10	-/10	-/10	-/10	-/11	1/-	...	...	...	...	...



Solid Wing Auger Bits.



No. 492w.

The Cutter of this Bit, being Solid with the Screw, adds greatly to the strength, and prevents danger from breakage.

Size ...	$\frac{1}{10}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$1\frac{1}{8}$	$1\frac{1}{4}$ in.	
Price ...	-/10	-/10	-/10	-/10	-/10	1/-	1/2	1/4	1/6	1/8	1/10	2 2	2 4 each

Bellhanger's and Electrician's Drills.



No. 493w.

For Bellhangers, Car-builders and Electricians, also for telephone and telegraph work. It is of the best refined steel, very durable, not injured by contact with nails or screws, and can be driven through plastering and brick walls. It can easily be sharpened on an emery-wheel or a grindstone.

Sizes	$12 \times \frac{3}{16}$	$12 \times \frac{1}{4}$	$12 \times \frac{5}{16}$	$12 \times \frac{3}{8}$	$18 \times \frac{1}{4}$	$18 \times \frac{5}{16}$	$18 \times \frac{3}{8}$	$24 \times \frac{1}{4}$	$24 \times \frac{5}{16}$	$24 \times \frac{3}{8}$ in.
Price	1/4	1/4	1/6	1/9	2/-	2/3	2/6	2/6	2/9	3/- each

No. 494w. Bit Stock Drills for Hardwood.

Will bore a smooth hole in any direction and will not split the wood nor turn aside from the grain or knots. Speed and feed are entirely under the control of operator.



Size ...	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$1\frac{1}{8}$	$1\frac{1}{4}$ in.
Price ...	-/5	-/5	-/6	-/7	-/8	-/10	-/11	1/-	1/2	1/3	1/6	1/9 each

Bright Twist Bits.

No. 495w.



Size ...	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$1\frac{1}{8}$	$1\frac{1}{4}$ in.
Price ...	-/2	-/2	-/3	-/3	-/3	-/3	-/4	-/4	-/6	-/7	-/8	each

Sets of 6 assorted to $\frac{3}{8}$ in., 1/4. Sets of 12 assorted to $\frac{3}{8}$ in., 2/6

Contractors to the Home, Indian, and Colonial Governments.

No. 496w.



Nose Bit.

All Sizes up to ...
Nose, Spoon, and Shell Bits, Black ...

Brace Bits.

Spoon Bit.

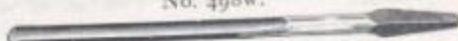


No. 497w.

$\frac{1}{8}$ $\frac{3}{16}$ $\frac{1}{4}$
-3 $\frac{1}{2}$ -4 -4

Sets of 6, to $\frac{3}{8}$ in., 1/9

No. 498w.



Shell Bit.

$\frac{1}{8}$ $\frac{3}{16}$ $\frac{1}{4}$ $\frac{1}{2}$ in.
-4 $\frac{1}{2}$ -5 -6 each.

Taper Bit for Wood.

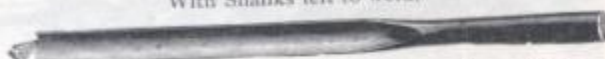
No. 499w.



Size ... $\frac{1}{8}$ $\frac{3}{16}$ $\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$ $\frac{7}{8}$ 1 in.
Price ... -6 -6 -7 -8 -10 1/- each.

Mangle Roller Bits.

With Shanks left to weld.



No. 500w. 1 $\frac{1}{8}$ $\frac{1}{4}$ $\frac{3}{8}$ $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$ in.
Price .. 1/3 1/4 1/6 1/9 2/- 2/3 2/6 each.

No. 501w.



Black Turncrew Bits ... -3 each.
Bright Round Stem Bits ... -4 "

Turncrew Bits.



No. 502w.

Forked Turncrew Bits, for Saws, etc., etc.
-3 $\frac{1}{2}$ each.

Hand Forged Round Screwdriver Bit.

No. 503w.



We find there is a demand for a Screwdriver that will stand a great strain, so we offer the above, Hand Forged, at the following rates:—5 in., -9. 8 in., 1/- each.

No. 504w.

Size $\frac{1}{16}$ to $\frac{1}{2}$ $\frac{9}{16}$ $\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ 1 in.
Price -4 -5 -6 -7 -8 -10 each.

Smiths' Drills.



The "Irwin" Patent Auger Bits.

It is impossible for these Bits to choke, as they have but one thread which gives them a clearance double that of the Bits with two threads.

No pressure is required for boring, and they will bore in either the end or the side of the wood.

They are the only Bits made with a SOLID CENTRE, and are therefore much stronger than other Bits.



No. 505w.



Size ... $\frac{1}{8}$ $\frac{3}{16}$ $\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$ $\frac{7}{8}$ 1 in.
Price ... -9 -10 -11 -11 1/- 1 1/2 1/5 1/9 2/- each.

"Irwin" Patent Auger Bits, in Sets.

Set of 9 "Irwin" Patent Auger Bits, from $\frac{1}{8}$ to 1 in., and one Screwdriver Bit, in patent Wooden Box.

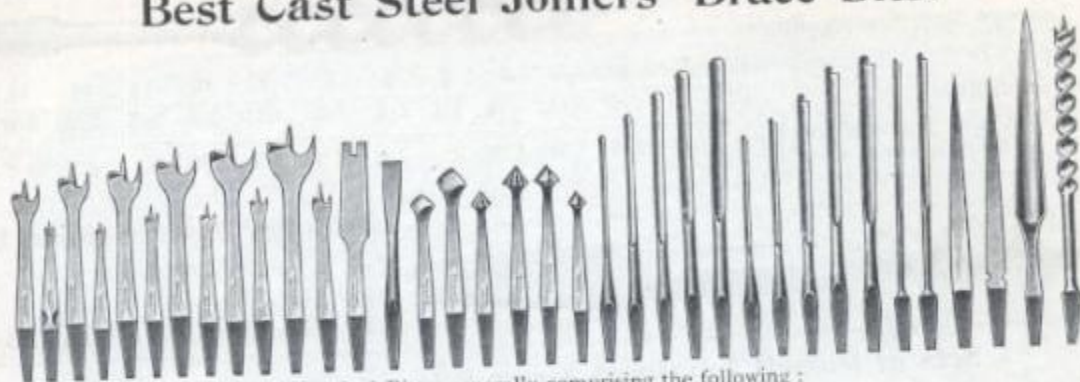
10/6 per Set.

Set of 13 "Irwin" Patent Auger Bits, from $\frac{1}{16}$ to 1 in., $\times 16$ ths, in Patent Wooden Box.

15/- per Set.

Bronze Medal, 1884. Gold Medal, 1890.

Best Cast Steel Joiners' Brace Bits.



No. 506w.

Set of 36 Bits—generally comprising the following:

- | | |
|---|--|
| 1 Centre Bit, each $\frac{1}{8}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1 , $1\frac{1}{8}$, $1\frac{1}{4}$ in. | 1 Nose Bit, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{1}{2}$ in. |
| 1 Fork End Turnscrew Bit. | 1 Sash " $\frac{1}{8}$, $\frac{1}{4}$ in. |
| 1 Plain " " | 1 Half-Round Rimer. |
| 1 Flat Countersink Bit, $\frac{1}{2}$, $\frac{5}{8}$ in. | 1 Square Rimer. |
| 1 Rose " " $\frac{1}{2}$, $\frac{5}{8}$ in. | 1 Taper Bit, $\frac{3}{8}$ in. |
| 1 Snail " " $\frac{1}{2}$, $\frac{5}{8}$ in. | 1 Jennings Pattern Auger Bit, $\frac{1}{2}$ in. |
| 1 Shell Bit, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$ in. | |

Price ... Black, 10/6 ... Bright, 12/- ... Straw Coloured, 13/6 per set.

No. 507w.

Set of 24 Bits, generally comprising the following:

- | |
|---|
| 1 Centre Bit, each $\frac{1}{8}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1 in. |
| 1 Turnscrew Bit. |
| 1 Flat Countersink Bit, $\frac{1}{2}$, $\frac{5}{8}$ in. |
| 1 Rose " " $\frac{1}{2}$, $\frac{5}{8}$ in. |
| 1 Snail " " $\frac{1}{2}$, $\frac{5}{8}$ in. |
| 1 Shell Bit, each $\frac{1}{8}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$ in. |
| 1 Nose Bit, $\frac{1}{8}$, $\frac{1}{4}$ in. |
| 1 Half-Round Rimer. |
| 1 Square Rimer. |

PRICE:

Black	7/- per set.
Bright	8/- " "
Straw Coloured	9/- " "

No. 507½w.

Sets of 12 Assorted in Black.
Price 3/6



Technical Outfit.

No. 508w.

Comprising Ball-Bearing, Nickel-Plated Brace with 36 specially assorted Straw-coloured Bits in polished Mortised Case fitted with Brass Lock, Handle, and Fancy Leather Pockets.

Price complete, 36/3

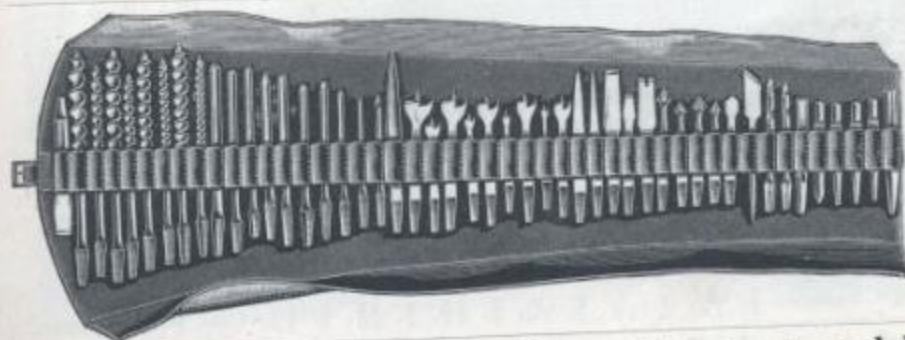


Technical Outfit.

No. 508½w.

Containing a Special Assortment of 48 Brace Bits in Leather Roll with Strap and Buckle.

Price complete, 32/3



Tool, Machine, and Hardware Merchants and Manufacturers.

Boring Bits. No. 509w.

Jennings' Best Quality, Bright.

Jennings' Best Quality, Bright.														
Up to Sizes	...	...	...	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{1}{1}$	$\frac{1}{2}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	in.
C. E. Jennings' Make	...	...	...	-10	-10	-10	-11	-11	1/1	1/2	1/5	1/10	2/3	2/6 each.
No. 509 $\frac{1}{2}$ w. Russell Jennings' own Manufacture	...	...	...	1 2	1 4	1 4	1 8	1 8	2/-	2 4	2 9	3 2	3 6	4 6 each.

**Jennings' Pattern Dowel Bits.**

No. 510w.



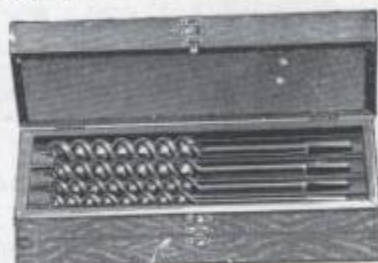
$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{1}{1}$	$\frac{1}{1}$	in.
-11	-11	-11	-11	1/-	1/1	1/3	each.

Sets of Russell Jennings' Auger Bits (in Case). No. 511w.

Shows the Box with lid open, and the upper section containing $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{8}$, $\frac{1}{2}$, $\frac{1}{1}$ Auger Bits.



Shows the Box closed. It contains three sections, and each fastens itself. The Bits rest in grooves of suitable size for each particular Bit, and these are so cut that when the Bits lie therein, their upper surfaces are in a plane, and when the sections or lids are closed, the Bits keep in position.



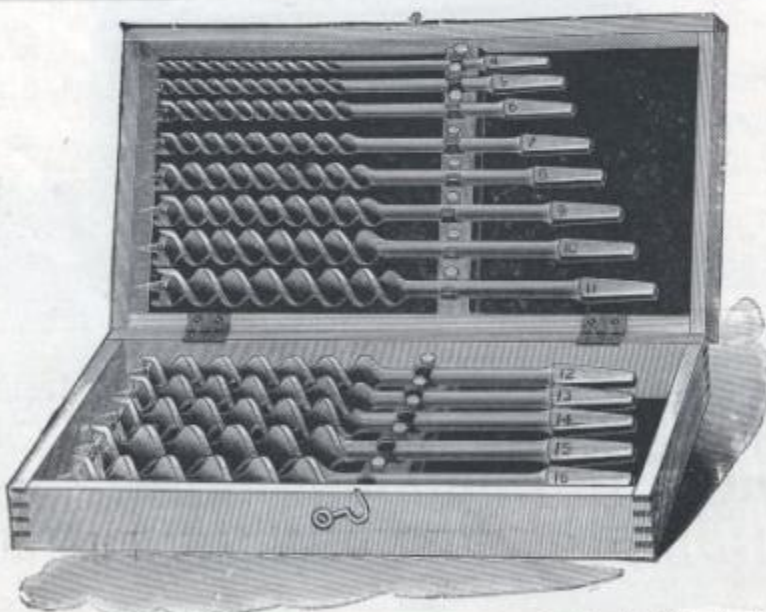
Shows the Box opened at the second section, and containing $\frac{3}{8}$, $\frac{1}{2}$, $\frac{1}{1}$, $\frac{1}{1}$ in. The lower section contains $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$ in. Auger Bits.

Complete Set of 13 Auger Bits, $\frac{1}{4}$ to 1 in., fitted in Patent Hardwood Box. ... Price 25/- per set.

**Sets of
C. E.
Jennings'
Auger Bits.**

No. 511 $\frac{1}{2}$ w.

All these Bits are made of Solid Cast Steel and Warranted.



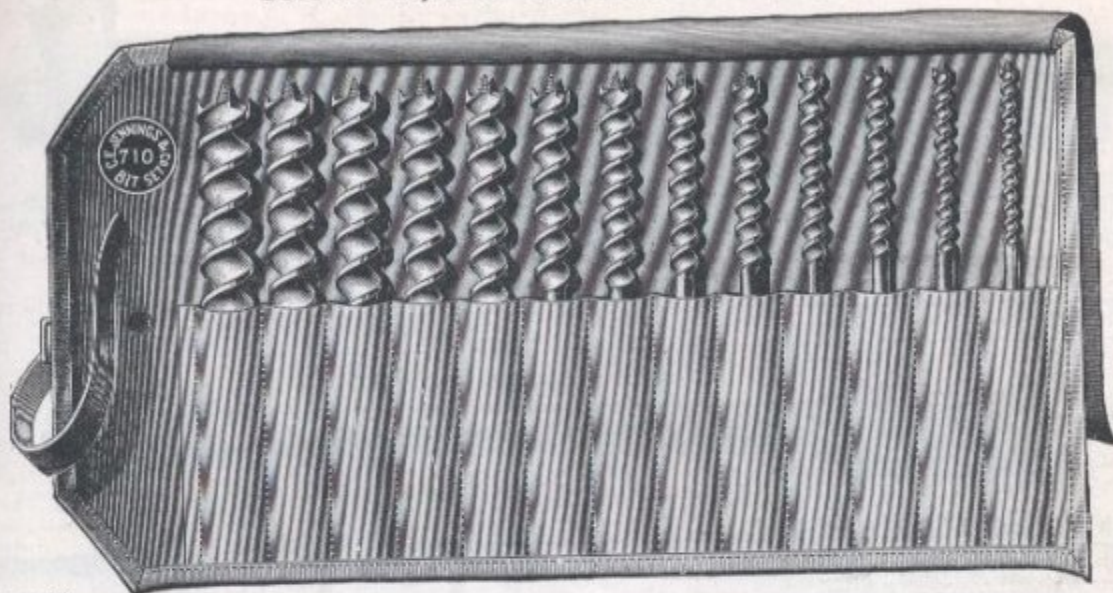
The illustration represents the set of 13 Bits, put up in Box with Rack to hold one of each size.

This is a great convenience, as each Bit can be put away in its own place immediately after use so secure.

Box containing 13 Double Spur Auger Bits—viz. $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{8}$, $\frac{1}{2}$, $\frac{1}{1}$, $\frac{1}{1}$, $\frac{1}{1}$, $\frac{1}{1}$, $\frac{1}{1}$, $\frac{1}{1}$, $\frac{1}{1}$, 1 in., 15/6 complete.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

Sets of Superior Bits in Canvas Rolls.



No. 512W.

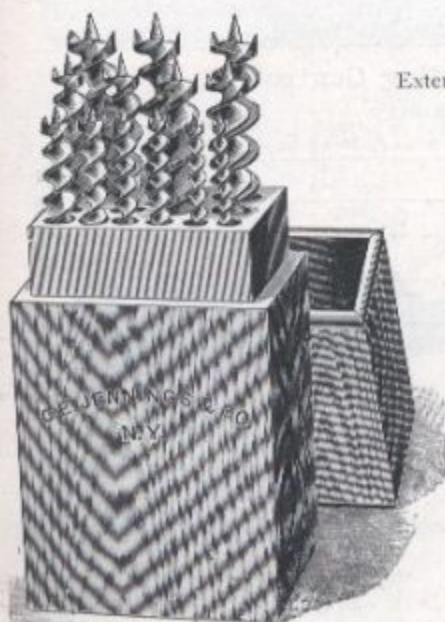
These rolls are made of dark-coloured canvas, well lined with blue flannel, and are very convenient for a mechanic to keep the Bits safe from injury and to carry them wherever needed. The case rolled up with the Bits complete measures 11 x 13 in. All the tools are ground to exact size and made from selected tool steel.

The Set.—Containing 13 Polished Bits, sizes up to 1 in., complete 20/- per set.

The Canvas Rolls only, 3/6 each.

Sets of Superior Bits in Closed-up Case.

No. 513W.



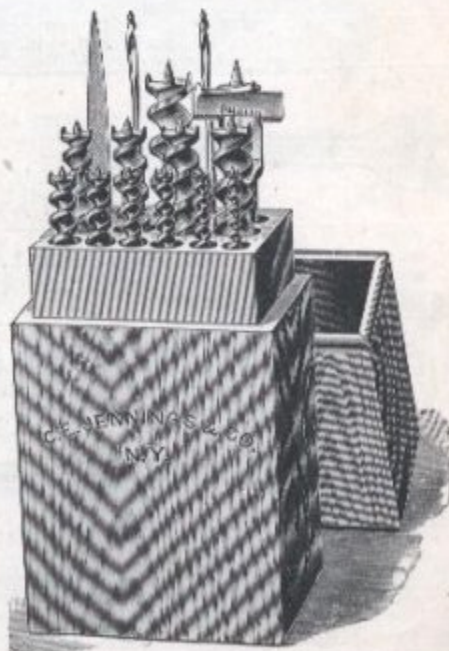
No. 513W.

Improved Pattern.

Extension Lip Bits; 13 sizes,
from $\frac{1}{4}$ to 1 in.

Price 17/-

No. 514W.



No. 514W.

Contains 11 Twist Bits to
1 in.; Expansion Bit; 2
Special Gimlet Bits and
File.

Price 25/-

A large and varied Stock of Engineers' Tools and Motor Accessories.

Clark's Expansive Bits.

No. 515W.



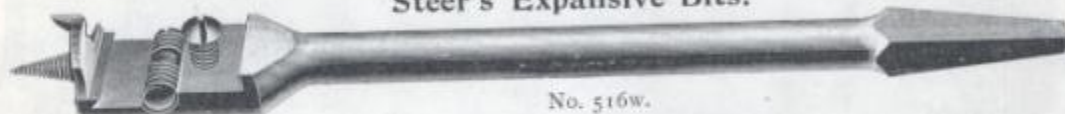
With 2 Cutters, from $\frac{1}{8}$ to $1\frac{1}{2}$ in. ...	3/- each.	With Cutters, from $\frac{7}{8}$ to 4 in. ...	5/9 each.
" " " $\frac{3}{4}$ " 3 " ...	4/6 "	" " " $\frac{5}{8}$ " 5 " ...	7/9 "

EXTRA CUTTERS, Interchangeable with all Clark's Bits.

A— $\frac{1}{8}$ in. to $\frac{3}{4}$ in. ...	-/8 each.	C— $\frac{7}{8}$ in. to $1\frac{1}{2}$ in. ...	1/1 each.	E—3 in. to 4 in. ...	1/3 each.
B— $\frac{3}{8}$ in. to $1\frac{1}{2}$ in. ...	-/9 "	D— $1\frac{1}{4}$ in. to 3 in. ...	1/4 "	F—4 in. to 5 in. ...	2/- "

Steer's Expansive Bits.

No. 516W.


G—With 2 Cutters, $\frac{5}{8}$ in. to $1\frac{1}{2}$ in. ... 6/- each.

H—With 2 Cutters, $\frac{3}{4}$ in. to 3 in. ... 7/6 "

EXTRA CUTTERS supplied.



No. 517W. Best Steel



Centre Bits.

Size ...	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2 in.
Black ...	-/3	-/3	-/3 $\frac{1}{2}$	-/4	-/4	-/4 $\frac{1}{2}$	-/4 $\frac{1}{2}$	-/5 $\frac{1}{2}$	-/6	-/7	-/8	-/9	-/10	-/11	1/- each.
Bright ...	-/4	-/4	-/4	-/4 $\frac{1}{2}$	-/4 $\frac{1}{2}$	-/5	-/5 $\frac{1}{2}$	-/6 $\frac{1}{2}$	-/7	-/8	-/9	-/10	-/11	1/-	1/1 "
Straw Colour ...	-/4 $\frac{1}{2}$	-/4 $\frac{1}{2}$	-/5	-/5	-/5 $\frac{1}{2}$	-/5 $\frac{1}{2}$	-/6	-/7	-/8	-/9	-/10	-/11	1/-	1/1	1/2 "

Sets of 12 assorted, $\frac{1}{8}$ in. to $1\frac{1}{2}$ in.—Black, 4/6; Bright, 5/-; Straw-coloured, 6/-

Patent Expanding Centre Bit.

No. 518W.



Price ...

$\frac{1}{8}$ to $\frac{3}{8}$ in.	$\frac{1}{4}$ to $1\frac{1}{2}$ in.	1 to 2 in.
1/-	1/6	2/3 each.

No. 519W.

Cockbit. Black, with Bright Lathe-turned Plug.

$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	1	$1\frac{1}{8}$ in.
1/6	1/9	2/-	2/4	2/9 each.
$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2 in.	
3/6	4/6	5/-	6/6 each.	



No. 520W.



Square Rimers ... -/4 each.

Rimers.

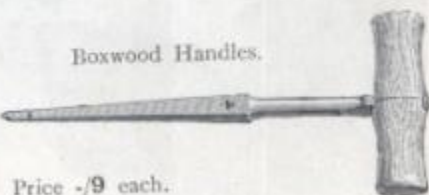
No. 521W.

No. 521W.



Half Round Rimers ... -/4 each.

Boxwood Handles.



Price -/9 each.

Contractors to the Home, Indian, and Colonial Governments.

No. 522W.

Wood Slotting Bits.



PRICES OF SLOTTING BITS WITH SHANKS SAME DIAMETER AS BITS.

Diameter of Bit.	Full Length.	Length of Shank.	Price, Each.	Diameter of Bit.	Full Length.	Length of Shank.	Price, Each.	Diameter of Bit.	Full Length.	Length of Shank.	Price, Each.
In.	In.	In.		In.	In.	In.		In.	In.	In.	
$\frac{1}{8}$	3	$1\frac{1}{2}$	1/2	$\frac{1}{4}$	$5\frac{1}{2}$	$1\frac{1}{2}$	3/6	$\frac{3}{8}$	8	2	7/9
$\frac{1}{4}$	$3\frac{1}{2}$	$1\frac{1}{2}$	1/2	$\frac{1}{2}$	$5\frac{1}{2}$	$1\frac{1}{2}$	3/6	$\frac{1}{2}$	$8\frac{1}{2}$	$2\frac{1}{2}$	10/-
$\frac{3}{8}$	$3\frac{1}{2}$	$1\frac{1}{2}$	1/6	$\frac{3}{8}$	6	2	3/10	$\frac{1}{2}$	9	$2\frac{1}{2}$	13/1
$\frac{1}{2}$	$3\frac{1}{2}$	$1\frac{1}{2}$	1/6	$\frac{1}{2}$	$6\frac{1}{2}$	2	4/3	$\frac{3}{4}$	$9\frac{1}{2}$	$2\frac{1}{2}$	15/6
$\frac{5}{8}$	4	$1\frac{1}{2}$	2/3	$\frac{5}{8}$	$6\frac{1}{2}$	2	4/8	$\frac{1}{2}$	10	$2\frac{1}{2}$	18/6
$\frac{3}{4}$	$4\frac{1}{2}$	$1\frac{1}{2}$	2/3	$\frac{3}{4}$	$6\frac{1}{2}$	2	5/-	$\frac{1}{2}$	$10\frac{1}{2}$	3	23/3
$\frac{7}{8}$	$4\frac{1}{2}$	$1\frac{1}{2}$	2/8	$\frac{7}{8}$	7	2	5/5	$\frac{1}{2}$	11	3	27/9
1	$4\frac{1}{2}$	$1\frac{1}{2}$	2/8	1	$7\frac{1}{2}$	2	5/10	$\frac{1}{2}$	$11\frac{1}{2}$	4	32/6
$1\frac{1}{8}$	5	$1\frac{1}{2}$	3/-	$1\frac{1}{8}$	$7\frac{1}{2}$	2	6/2	2	12	4	38/6
$1\frac{1}{4}$	$5\frac{1}{2}$	$1\frac{1}{2}$	3/-	$1\frac{1}{4}$	7	2	7/-				

PRICES OF SLOTTING BITS WITH $\frac{1}{2}$ -INCH SHANKS. No. 523W.

Diameter of Bit.	Full Length.	Length of Shank.	Price, Each.	Diameter of Bit.	Full Length.	Length of Shank.	Price, Each.	Diameter of Bit.	Full Length.	Length of Shank.	Price, Each.
In.	In.	In.		In.	In.	In.		In.	In.	In.	
$\frac{1}{8}$	3	$1\frac{1}{2}$	2/-	$\frac{1}{4}$	$4\frac{1}{2}$	$1\frac{1}{2}$	3/-	$\frac{1}{8}$	$6\frac{1}{2}$	2	4/8
$\frac{1}{4}$	$3\frac{1}{2}$	$1\frac{1}{2}$	2/-	$\frac{1}{2}$	5	$1\frac{1}{2}$	3/-	$\frac{1}{4}$	$6\frac{1}{2}$	2	5/-
$\frac{3}{8}$	$3\frac{1}{2}$	$1\frac{1}{2}$	2/4	$\frac{3}{8}$	$5\frac{1}{2}$	$1\frac{1}{2}$	3/3	$\frac{3}{8}$	7	2	5/5
$\frac{1}{2}$	$3\frac{1}{2}$	$1\frac{1}{2}$	2/4	$\frac{1}{2}$	$5\frac{1}{2}$	$1\frac{1}{2}$	3/6	$\frac{1}{2}$	$7\frac{1}{2}$	2	5/10
$\frac{5}{8}$	$3\frac{1}{2}$	$1\frac{1}{2}$	2/9	$\frac{5}{8}$	$5\frac{1}{2}$	$1\frac{1}{2}$	3/6	$\frac{1}{2}$	$7\frac{1}{2}$	2	6/2
$\frac{3}{4}$	4	$1\frac{1}{2}$	2/9	$\frac{3}{4}$	6	2	3/10	$\frac{3}{4}$	$7\frac{1}{2}$	2	7/-
$\frac{7}{8}$	$4\frac{1}{2}$	$1\frac{1}{2}$	3/-	$\frac{7}{8}$	$6\frac{1}{2}$	2	4/3	$\frac{7}{8}$	8	2	7/9
1	$4\frac{1}{2}$	$1\frac{1}{2}$		1				1			

No. 524W.

Straight Fluted Centre Bits.



PRICES OF CENTRE BITS WITH SHANKS SAME DIAMETER AS BITS.

Diameter of Bit.	Full Length.	Length of Shank.	Price, Each.	Diameter of Bit.	Full Length.	Length of Shank.	Price, Each.	Diameter of Bit.	Full Length.	Length of Shank.	Price, Each.
In.	In.	In.		In.	In.	In.		In.	In.	In.	
$\frac{1}{8}$	3	$1\frac{1}{2}$	-/10	$\frac{1}{4}$	$5\frac{1}{2}$	$1\frac{1}{2}$	2/4	1	11	$2\frac{1}{2}$	10/10
$\frac{1}{4}$	$3\frac{1}{2}$	$1\frac{1}{2}$	-/10	$\frac{1}{2}$	$5\frac{1}{2}$	$1\frac{1}{2}$	2/6	$\frac{1}{4}$	$11\frac{1}{2}$	$2\frac{1}{2}$	13/2
$\frac{3}{8}$	$3\frac{1}{2}$	$1\frac{1}{2}$	-/11	$\frac{3}{8}$	6	$1\frac{1}{2}$	2/9	$\frac{1}{2}$	12	$2\frac{1}{2}$	15/6
$\frac{1}{2}$	$3\frac{1}{2}$	$1\frac{1}{2}$	1/1	$\frac{1}{2}$	8	2	3/10	$\frac{3}{8}$	$14\frac{1}{2}$	3	19/3
$\frac{5}{8}$	$3\frac{1}{2}$	$1\frac{1}{2}$	1/1	$\frac{5}{8}$	$8\frac{1}{2}$	2	4/8	$\frac{1}{2}$	15	3	23/3
$\frac{3}{4}$	4	$1\frac{1}{2}$	1/3	$\frac{3}{4}$	9	2	5/4	$\frac{1}{2}$	$15\frac{1}{2}$	$3\frac{1}{2}$	27/9
$\frac{7}{8}$	$4\frac{1}{2}$	$1\frac{1}{2}$	1/5	$\frac{7}{8}$	$9\frac{1}{2}$	$2\frac{1}{2}$	6/3	$\frac{1}{2}$	16	$3\frac{1}{2}$	32/6
1	$4\frac{1}{2}$	$1\frac{1}{2}$	1/8	1	10	$2\frac{1}{2}$	7/4	$\frac{1}{2}$	$16\frac{1}{2}$	4	37/-
$1\frac{1}{8}$	5	$1\frac{1}{2}$	2/-	$1\frac{1}{8}$	$10\frac{1}{2}$	$2\frac{1}{2}$	8/6	2	16	4	42/6
$1\frac{1}{4}$	$5\frac{1}{2}$	$1\frac{1}{2}$	2/1	$1\frac{1}{4}$	$10\frac{1}{2}$	$2\frac{1}{2}$	9/8				

PRICES OF CENTRE BITS WITH $\frac{1}{2}$ -INCH SHANKS. No. 525W.

Diameter of Bit.	Full Length.	Length of Shank.	Price, Each.	Diameter of Bit.	Full Length.	Length of Shank.	Price, Each.	Diameter of Bit.	Full Length.	Length of Shank.	Price, Each.
In.	In.	In.		In.	In.	In.		In.	In.	In.	
$\frac{1}{8}$	3	$1\frac{1}{2}$	1/2	$\frac{1}{4}$	$4\frac{1}{2}$	$1\frac{1}{2}$	1/10	$\frac{1}{8}$	6	$1\frac{1}{2}$	2/9
$\frac{1}{4}$	$3\frac{1}{2}$	$1\frac{1}{2}$	1/2	$\frac{1}{2}$	$4\frac{1}{2}$	$1\frac{1}{2}$	2/2	$\frac{1}{4}$	8	2	3/10
$\frac{3}{8}$	$3\frac{1}{2}$	$1\frac{1}{2}$	1/3	$\frac{3}{8}$	5	$1\frac{1}{2}$	2/3	$\frac{3}{8}$	$8\frac{1}{2}$	2	4/8
$\frac{1}{2}$	$3\frac{1}{2}$	$1\frac{1}{2}$	1/5	$\frac{1}{2}$	$5\frac{1}{2}$	$1\frac{1}{2}$	2/4	$\frac{1}{2}$	9	$2\frac{1}{2}$	5/4
$\frac{5}{8}$	4	$1\frac{1}{2}$	1/6	$\frac{5}{8}$	$5\frac{1}{2}$	$1\frac{1}{2}$	2/6	$\frac{5}{8}$	$9\frac{1}{2}$	$2\frac{1}{2}$	6/3
$\frac{3}{4}$	$4\frac{1}{2}$	$1\frac{1}{2}$	1/8	$\frac{3}{4}$	$5\frac{1}{2}$	$1\frac{1}{2}$	2/8				

Bronze Medal, 1884.—Gold Medal, 1890.

The "Forstner" Auger Bits.

For Smooth, Round, Oval, or Square Boring; Scroll and Twist Work.

This Labour-saving Auger Bit, unlike other Bits, is guided by its circular rim instead of its centre, consequently it will bore any arc of a circle, and can be guided in any direction regardless of grain or knots, leaving a true polished surface. It is preferable for core boxes, fine and delicate patterns, veneers, screen work, fancy scroll-twist columns, newels, ribbon moulding, etc.

No. 525w.

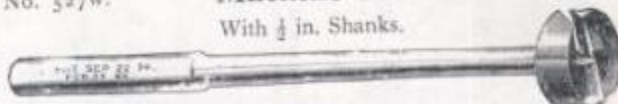
Brace Bit.



$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$ in.
3/7	3/7	3/9	3/9	4/-	4/-	4/2	4/2 each.
$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	1	$1\frac{1}{8}$	1	$1\frac{1}{8}$ in.
4/5	4/5	4/7	5/-	5/3	5/3	5/5	5/5 each.
$1\frac{1}{4}$	$1\frac{1}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	2 in.
6/1	6/1	6/6	8/4	9/3	10/5	11/6	12/6 each.

No. 527w.

Machine Bit.

With $\frac{1}{2}$ in. Shanks.

The $\frac{1}{4}$ in. and $\frac{5}{16}$ in. Bits have Spiral Shanks.



"Forstner" Auger Bits in Sets. Special Prices.

No. 528w.

PRICES IN SETS.

6	Brace Bits, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, 1 in.	...	...	...	£0 18 9
9	" $\frac{1}{8}$ to $1\frac{1}{8}$ in. x 8ths	...	...	...	1 11 3
11	" $\frac{3}{8}$ " 1 " x 16ths	...	...	...	1 15 6
17	" $\frac{1}{4}$ " $1\frac{1}{8}$ " x 16ths	...	...	...	3 0 6

Packed in neat Cardboard Cases.

To Sharpen the Bits.

Take a hard three-cornered file, grind smooth at front end, thus making a three-cornered scraper (Fig. 1). Scrape inside of flange until sharp, and take off outside wire edge with oilstone (Fig. 2). File the cutters with small fine-cut file (Fig. 3). For very smooth work, take the edge off, so as to form a very slight bevel on outside edge of flange, always being careful to have the flange project a little beyond the cutters. In case a Bit is too hard, heat a pair of tongs, and take hold of the shank back of and close to the flange, and draw the temper to a light blue colour, then cool in water, and the Bit can be easily filed and scraped.



No. 529w.

Screw and Plug Bit.



Two-thirds size.

$\frac{1}{2}$ in. Bit takes $\frac{1}{8}$ in. Drill; $\frac{5}{8}$ in. Bit takes $\frac{3}{8}$ in. Drill; $\frac{3}{4}$ in. Bit takes $\frac{1}{2}$ in. Drill.

Prices, complete with Plug Cutter, $\frac{1}{2}$ in. 7/9; $\frac{5}{8}$ in. 8/3; $\frac{3}{4}$ in. 8/9 per set.

This is intended to cut the plug to cover the head of the screw. The Knives are interchangeable, and in case one is broken, can be replaced at small cost. They are made of the very best tool steel, carefully hardened, tempered and tested.

Prices ... $\frac{1}{2}$ in. 1/2; $\frac{5}{8}$ in. 1/4; $\frac{3}{4}$ in. 1/6 each.

For use where plugs are used instead of putty to cover the screw heads. It can be gauged to give correct depth for screw and plug, boring both holes at one operation. The Knives are made of best tool steel and with each Screw and Plug Bit we furnish a Plug Cutter as shown below.

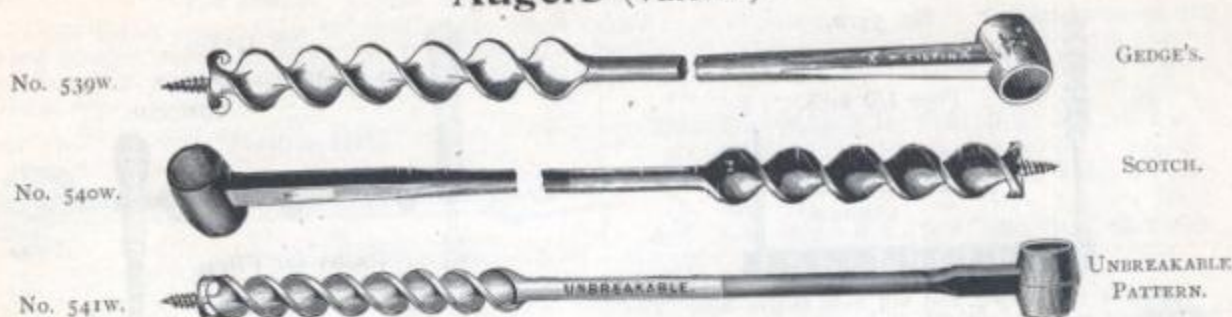
No. 530w. Improved Plug Cutter.



Half-size.

Tool, Machine, and Hardware Merchants and Manufacturers.

Augers (Various).



	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	2 in.
Gedge's Eyed, Polished	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{6}$	$\frac{1}{8}$	$\frac{1}{10}$	$\frac{2}{4}$	$\frac{2}{6}$	$\frac{2}{10}$	$\frac{3}{3}$	$\frac{3}{6}$	$\frac{4}{3}$ ea.
Scotch Pattern, Bright	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{6}$	$\frac{1}{8}$	$\frac{1}{10}$	$\frac{2}{3}$	$\frac{2}{6}$	$\frac{2}{9}$	$\frac{3}{-}$	$\frac{3}{3}$	$\frac{3}{9}$ "
Unbreakable Pattern ...	$\frac{1}{3}$	$\frac{1}{5}$	$\frac{1}{6}$	$\frac{1}{7}$	$\frac{1}{11}$	$\frac{2}{2}$	$\frac{2}{5}$	$\frac{3}{2}$	$\frac{3}{5}$	$\frac{3}{11}$	$\frac{4}{-}$	$\frac{4}{6}$	$\frac{5}{-}$ "



	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	2 in.
Black Screw Augers	...	$\frac{1}{9}$	$\frac{1}{10}$	$\frac{1}{11}$	$\frac{1}{-}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{6}$	$\frac{1}{8}$	$\frac{1}{10}$	$\frac{2}{2}$	$\frac{2}{9}$	$\frac{3}{3}$ ea.
Bright Gedge's "	...	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{6}$	$\frac{1}{8}$	$\frac{1}{10}$	$\frac{2}{-}$	$\frac{2}{4}$	$\frac{2}{6}$	$\frac{2}{10}$	$\frac{3}{6}$	$\frac{4}{3}$ "
Tanged Shell "	...	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{8}$	$\frac{1}{10}$	$\frac{1}{11}$	$\frac{1}{1}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{6}$	$\frac{1}{8}$	—	—



No. 544W.

The main body of this is made of Malleable Iron, with Polished Ash Handles at the ends, adjustable.
Price $\frac{1}{8}$ each.



No. 545W.

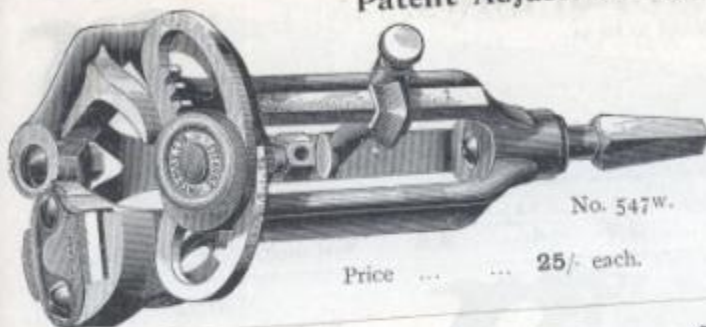
This Handle will hold and centre correctly Augers of all sizes and shapes. A steel band, 3 in. long and $\frac{5}{16}$ in. thick, is made to fit the handle. This band is cut lengthwise into two equal sections, which are operated by the two steel screws with thumb nuts, as seen in the cut. These sections can be opened wide enough to let the Auger Shank pass in without removing the nut on the end. Length 17 in. Price $\frac{2}{3}$ each.

Ratchet Auger Handle.

No. 546W. Will take Augers of all sizes, and can be operated by both hands without shifting the hands. One handle may be removed for working in close places, or next a wall. Length 16 in. Price $\frac{6}{3}$ each.

A large and varied Stock of Engineers' Tools and Motor Accessories.

Patent Adjustable Hollow Auger.



No. 547w.

Price ... 25/- each.

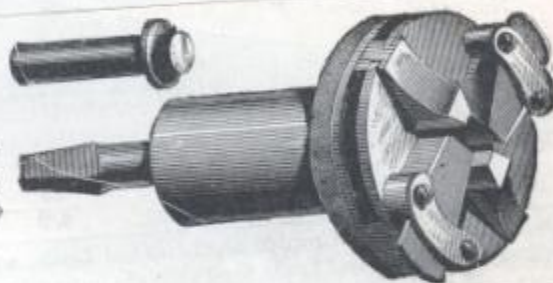
Will cut all sizes from $\frac{1}{4}$ to $1\frac{1}{4}$ in. diameter. In moving for different sizes no alteration of the knife is necessary, the change being made by simply turning the thumbscrew in the rack. It is provided with an adjustable stop, or depth gauge, sliding on a rule-marked scale, by means of which the length of tenon cut can be regulated exact, from 1 in. to 3 in. This Tool is used for cutting the tenons on the end of spokes, and will soon save its cost to carriage builders and wheelwrights.

Improved Universal Hollow Auger.

No. 548w.

This will cut from $\frac{3}{8}$ to $1\frac{1}{2}$ in., and is warranted to give satisfaction. It is very light, and with proper usage will last a lifetime. Any part can be replaced if broken, as all parts are made to gauge. Cutters can be adjusted to size required.

Price 21/- each. Extra Cutters, 2/- per pair.



Hollow Augers. Complete with Boring Bit.

No. 549w.



Sizes ...	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$ in.
Price ...	4/6	4/6	4/9	5/-	5/3 each.
Sizes ...	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$ in.
Price ...	5/6	6/6	6/9	8/-	8/3 each.

Patent Pointing Tool.

No. 550w.



Width across, $\frac{7}{8}$ in. inside.

Price ... 1/3 each.

Dowel Shaver. Straight Pattern.

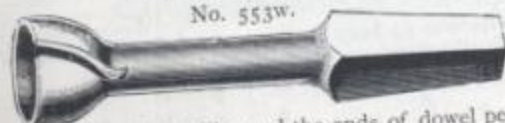
No. 551w.



Price ... 1/3 each.

Dowel Rounder.

No. 553w.

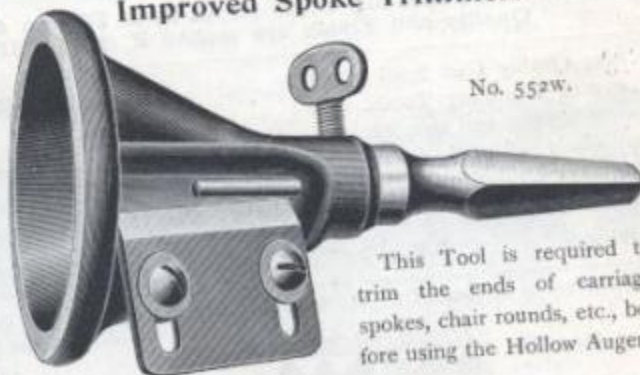


This Hollow Tool will round the ends of dowel pegs perfectly.

$\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, $1\frac{1}{8}$ in. ... 1/3 each.

Improved Spoke Trimmer.

No. 552w.



Width across, $2\frac{1}{8}$ in.

Price ... 2/3 each.

This Tool is required to trim the ends of carriage spokes, chair rounds, etc., before using the Hollow Auger.

Contractors to the Home, Indian, and Colonial Governments.

8-6
10-6
11-6
30-6

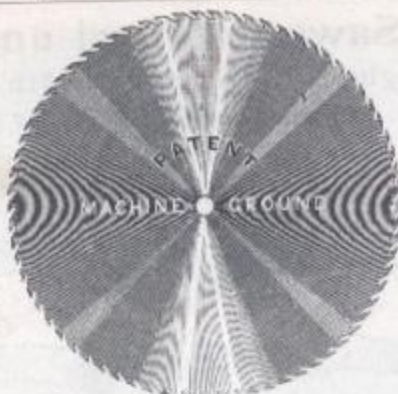
5-0
5-3
5-6
2-3
18-0

7-9
9-0
9-6
3-6
29-9

Circular Saws

No. 589w.

Best Warranted Cast Steel. Machine ground. When ordering give Gauge, Diameter of Spindle and Pin Holes (also position of the latter), pattern of Tooth, and distance from point to point.



for Wood.

Say also whether required for hard or soft wood.

For patterns of Teeth see illustration below.

Size	4	5	6	7	8	10	12	14	16	18	20	22	24	26	28	30	36	in.
Gauge	—	—	—	—	—	—	17	17	16	15	14	14	13	13	12	12	11	
Price	2/-	2/6	3/-	3/6	4/-	5/6	8/6	9/6	11/-	13/6	16/6	19/-	22/-	25/6	30/-	34/6	54/-	ea.

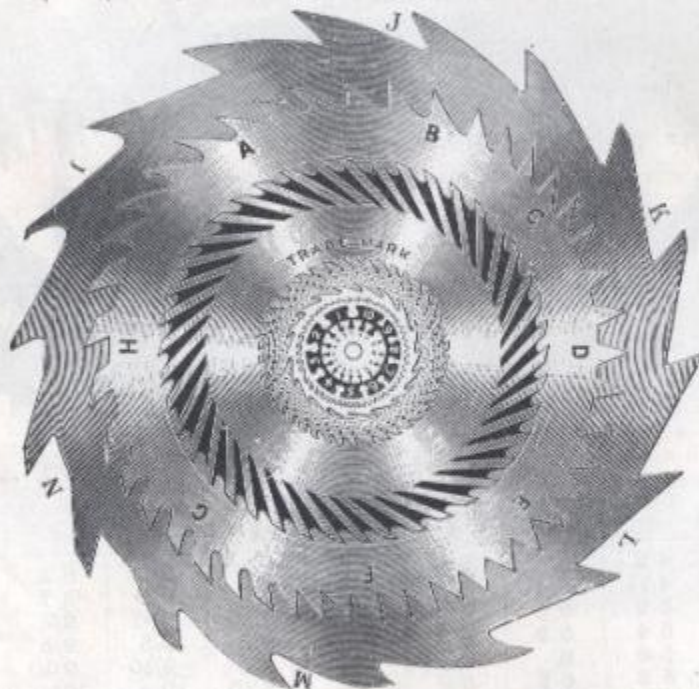
Sharpening Saws ready for immediate use, -1½ per in. extra.

Special Quotations for Larger Sizes on Application.

Each letter from A to N indicates the pitch of a Saw Tooth.

Estimates for Saw Mill Requisites and Complete Sawing Plants for Export.

Experienced packers employed in the dispatch of all our goods.



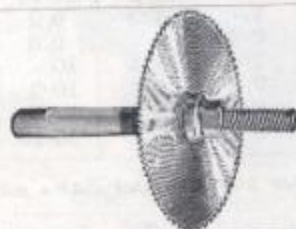
Special attention given to every detail in Fittings, and care in marking each part for putting together in working order when delivered.



Circular Saw

and Spindle. No. 590w.

Spindle.	Saw.
A. 5 × ⅜ in.	1/6 ... 3 in. 2/- each.
B. 5 × ⅜ "	1/9 ... 4 " 2/- "
C. 6 × ½ "	2/6 ... 5 " 2/6 "



Spindle.	Saw.
D. 7 × ⅝ in.	3/6 ... 6 in. 3/- each.
E. 8 × ¾ "	4/6 ... 8 " 4/- "
F. 10 × ⅞ "	6/6 ... 10 " 5/6 "

No. 591w. Saws for Cutting Metal.	Size	4	5	6	7	8	9	10	11	12	in.
Price	...	3/6	4/6	5/8	6/3	7/6	8/6	10/6	11/6	12/9	each.

NOTE.—These are made to gauges proportioned to the diameter, but when made to special thickness an extra charge is made. For supplying to given size of Spindle Hole and Teeth an extra cost of -/6 is charged up to 10 in. Prices of larger sizes given on application.

Standard speed for Circular Saws, 9,000 running feet per minute.
Any pattern Circular Saw quoted for on receipt of specification.

Tool, Machine, and Hardware Merchants and Manufacturers.

Disston's Celebrated American Saws.

Every Saw bearing the Brand of Disston is guaranteed to be as true and as free from flaws as it is possible to make it.

No. 554w.

With warranted Crucible Steel Blade, polished edge, and Beech Handle.

Length	...	...	20	22	24	26 in.
Price	...	...	3/9	4/-	4/6	4/9 each.

Skew Back.

No. 555w.



Length	...	...	20	22	24	26	28 in.
Price	...	...	4/9	5/3	5/9	6/-	7/- each.

Warranted.

Blade of Spring Steel, Patent ground and tempered, with polished edge. Handle of Applewood, shaped to configuration of the hand and firmly fixed to Blade by five Improved Screws.

No. 556w. Refined Crucible Steel Grained Blade, warranted. Handle of Applewood, polished and firmly fixed to Blade by four Improved Screws. Blade is carried well under Handle, thereby giving full sweep in sawing without catching in work.

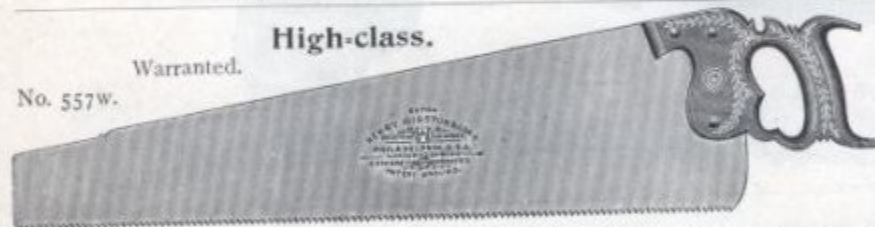
(The handle of this Saw is not supplied carved as shown.)

Length	...	...	20	22	24	26	28	30 in.
Price	...	...	4/9	5/3	5/9	6/-	7/-	7/9 each.

High-class.

Warranted.

No. 557w.



Blade of Extra Refined London Spring Steel, selected and highly polished. Handle of Applewood, carved and polished, and secured by four Brass Screws. One of the finest saws manufactured.

Length	20	22	24	26	28 in.
Price	6/3	6/9	7/6	8/-	9/- each.

These Saws are specially made for us by H. Disston & Sons, U.S.A., and as a full Guarantee of First Quality and Finish are etched R. MELHUISH, LTD., Fetter Lane, London, E.C.

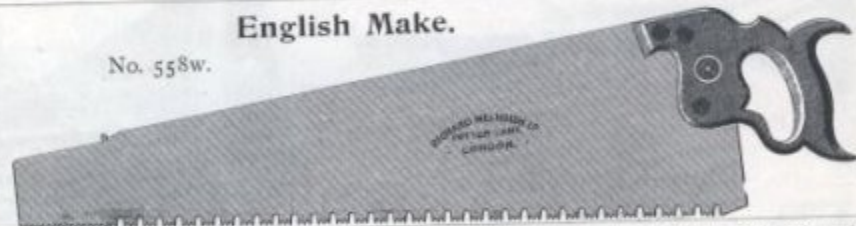
Best Quality Cast Steel Hand Saw with Lightning Tooth. Of special temper and strength, and particularly adapted for cutting rough wood.

Length 26 in.

Price ... 5/6 each.

English Make.

No. 558w.



Attention is requested to the following when ordering:

Six points  or tops.

All our Saws are stamped the number of points—not teeth—to the inch (see example). Kindly order accordingly.

We endeavour to keep in stock the following points in the best quality Saws.

20 in. Panel	...	-	-	9	10	11	12
22 " "	...	-	8	9	10	11	12
24 " "	...	7	8	9	10	11	12
26 " Hand	...	5	5½	6	7	8	9
28 " Rip	...	-	3	3½	4	4½	5

Bronze Medal, 1884.—Gold Medal, 1890.

Rd. MELHUISH, Ltd., Fetter Lane, Holborn Circus, London, E.C. 79

The Finest Quality English-Made Saws.

No. 559w. Melhuish's New Skew Back Saw.

Quality and Finish unequalled.

The Blade is ground about 4 gauges thinner at back than front, and has a peculiar shaped Butt or Heel, which enables a full sweep of the Saw to be given without the possibility of catching in the work. The Handle is of polished Beech, and is firmly secured to the Blade by improved Nickel-plated Screws.

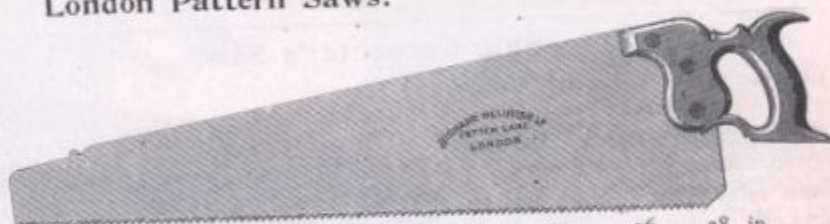


Length ...	20	22	24	26	28 in.
Price ...	5/-	5/6	6/-	6/6	7/6 each.
With Ordinary Handles.			Handles with Thumb Holes as drawn.		

London Pattern Saws.

Fully Warranted.

The sterling quality of these Saws has secured for them an extensive adoption amongst first-class workmen throughout the country. Special attention is given to the tempering and finishing of the Blades, which are ground about 4 gauges thinner at back than front.



Length ...	10	12	14	16	18	20	22	24	26	28 in.
No. 560w. Best Quality ...	2/-	2/3	2/9	3/-	3/3	3/9	4/-	4/6	5/-	6/- each.
No. 560½w. Cheaper Quality	1/3	1/6	1/9	2/-	2/3	2/6	2/9	3/-	3/6	— "

No. 561w. Silver Steel, Warranted, London Spring.

With Polished Applewood Handle.

Spear & Jackson's Manufacture.

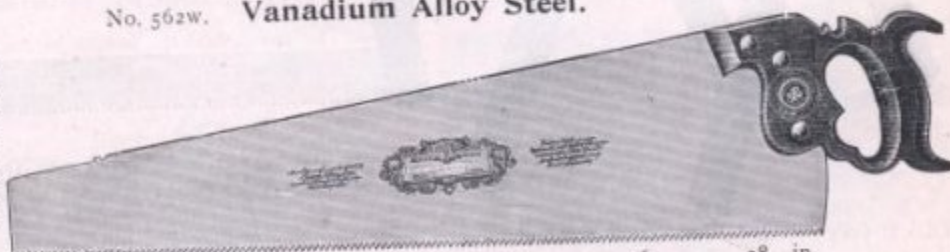
Improved temper, mirror polish, Blade breastst on tooth. A high-grade Saw for Cabinet Makers, Carpenters, etc., for fine and accurate work.



Length ...	18	20	22	24	26	28 in.
Price ...	5/-	5/3	5/9	6/6	7/-	7/6 each.

No. 562w. Vanadium Alloy Steel.

Of improved temper, Blade highly glazed and breastst on tooth. The Blade is of extreme toughness, will work longer than others without sharpening, and is more difficult to buckle in use. This Saw is classed as one of the finest yet produced. Handle of selected English Beech, polished.



Length ...	18	20	22	24	26	28 in.
Price ...	6/-	6/6	6/9	7/-	7/6	8/6 each.

Six points



to the inch.

In ordering Hand Saws, state points to inch. See page 78.

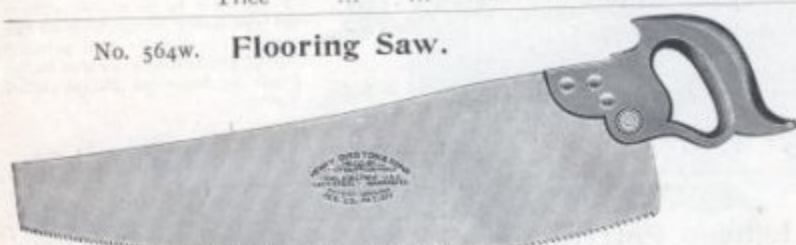
No. 563w. Dissecting Hand Saw.

Refined Crucible Steel, Highly Polished Blade, Warranted. Applewood Handle, Carved and Polished, 5 Brass Screws. The 26 in. Blade is 6 in. wide at Butt, and 1 3/4 in. at Point.



Length	...	...	...	22	24	26	28 in.
Price	...	...	...	6/-	6/9	7/-	7/9 each.

No. 564w. Flooring Saw.



For cutting through Flooring without the use of Chisel or Auger.

Blade of Refined Crucible Steel, Warranted. Handle of Applewood, Polished and secured by 5 Brass Screws.

Made with Deep Breast and toothed 8 points to the inch.

Length 20 in. ... 5/6 each.

No. 565w.

Ship Carpenter's Saw.

Crucible Steel Grained Blade, Warranted.

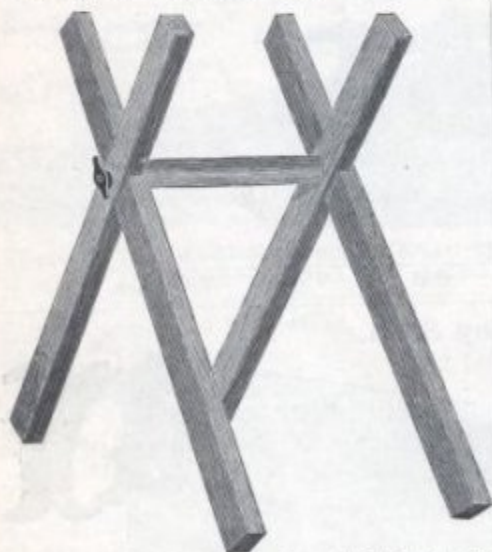
Full polished Beech Handle, secured by 4 Brass Screws.

Also suitable for Cabinet Makers and others desiring a narrow Saw.



Length	...	...	...	22	24	26	28 in.
Price	...	...	...	4/3	4/6	5/6	6/3 each.

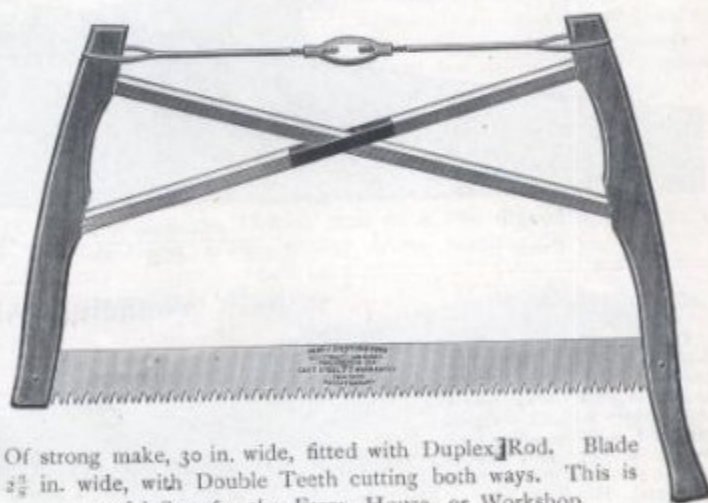
No. 566w. Wood Saw Bucks.



Of carefully selected Wood, well finished, with strong Rods, etc.

Price ... 1/6 each.

No. 567w. Wood Cutter's Saw.



Of strong make, 30 in. wide, fitted with Duplex Rod. Blade 2 1/2 in. wide, with Double Teeth cutting both ways. This is a useful Saw for the Farm, House, or Workshop.

Price ... 3/6 each.

Extra Blade, 2/3.



In ordering Hand Saws, state points to inch.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

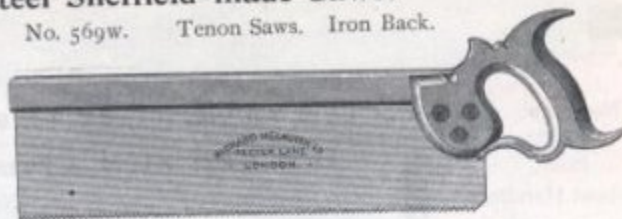
Best Quality Cast Steel Sheffield-made Saws.

No. 568w.
Dovetail. Iron Back.



Size	...	8	9	10 in.
Price	...	3/6	3/6	3/6 each.

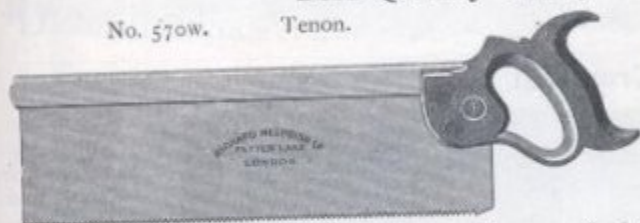
No. 569w. Tenon Saws. Iron Back.



Size	...	12	14	16	18 in.
Price	...	3/9	4/3	5/-	5/9 each.

Best Quality Heavy Brass Back Saws.

No. 570w. Tenon.



Size	...	12	14	16	18 in.
Price	...	5/-	5/9	6/6	7/6 each.

No. 571w. Dovetail.

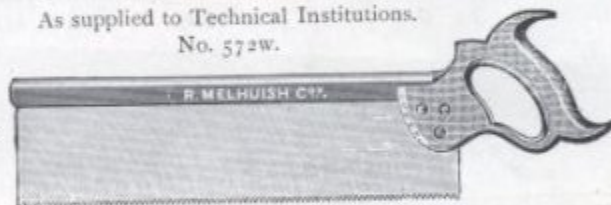


Size	...	8	9	10 in.
Price	...	4/9	4/9	4/9 each.

Cast Steel Sheffield-made Saws with Iron Backs.

As supplied to Technical Institutions.
No. 572w.

Size	8	9	10 in.
Price	2/9	2/9	2/9 each.



Size	12	14	16 in.
Price	3/3	3/6	4/3 each.

Melhuish's Special Pattern Iron Back Saws.

No. 573w.
Of Warranted Quality.



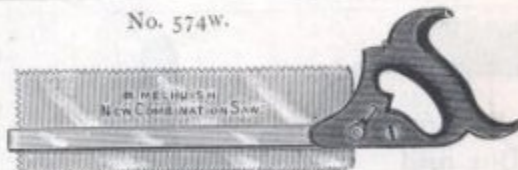
Size	...	8	10	12 in.
Price	...	1/6	1/9	2/- each.

Patent Adjustable Tenon Saw.

By reversing Lever, Blade can be moved up and down. When adjusted to depth of Tenon, etc., tighten Lever and adjust by nut opposite.

Price	...	6/6 each.
-------	-----	-----------

No. 574w.



Henry Disston & Sons' Steel and Brass Back Saws.

Of the First Quality, with Applewood Handles, with Polished Edges.



Size	...	8	10	12	14	16 in.
No. 575w. With Blued Steel Backs	3/6	3/9	4/3	5/-	5/9 ea.	
" 576w. " Brass Backs	5/-	5/3	5/9	6/6	7/3	

Warranted C.S. Cross-cut Saws.

No. 577w. 4 ft. 6/-, 4½ ft. 6/9, 5 ft. 7/6, 5½ ft. 8/3, 6 ft. 9/-, 7 ft. 10/6 each. Handles, -/8 per pair extra.

Best Cast Steel, Cross-cut Saws, Lightning Teeth.

Price,
without Handles:

4 ft. ...	7/- each.
4½ " ...	7/9 "
5 " ...	8/6 "
5½ " ...	9/3 "
6 " ...	10/- "

No. 578w.

Patent Handles, as shown, 1/6 pair extra.

Sharpening and Setting above Saws, -/4 per ft. extra.

One Man Cross-cut Saw.

No. 579w.

Adjustable
Supplementary
Handle to fit
Hole at end of
Saw, -/9 extra.

3 ft. 7/-, 3½ ft. 8/-, 4 ft. 8/6, 4½ ft. 10/6 each.

One Man Cross-cut Saw, with one Supplementary Handle.

Extra Handles
-/9 each.

3 ft. 7/3

3½ ft. 8/-

4 ft. 9/6

4½ ft. 10/6

5 ft. 11/9

Disston's
Make.

No. 580w.

No. 581w. Warranted Cast Steel Pit Saws. Of English manufacture.

4 4½ 5 6 7 ft.
8/- 9/- 10/- 12/- 14/-
FELLOE SAWS, same prices
and sizes as above.

Sharpening and Setting,
-/4 per ft. extra.



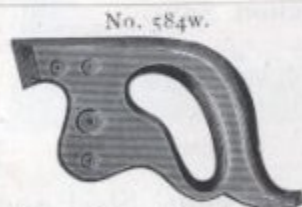
No. 582w.

Box and
Tiller, for Pit Saws.

Price 2/6 per pair.

No. 583w.

Beech Pit Saw Box, 1/9



No. 584w.

One Man Cross-cut
Saw Handle.

Price 1/3 each.

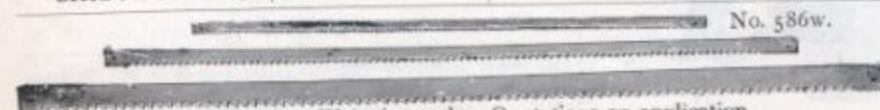
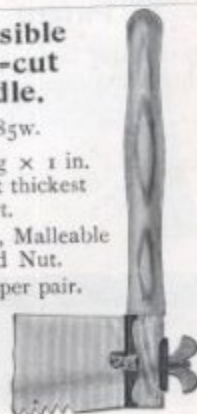
Reversible Cross-cut Handle.

No. 585w.

13½ in. long x 1 in.
diameter at thickest
part.

Cast Mounts, Malleable
Bolt and Nut.
Price 1/6 per pair.

Plain
Handles,
-/8 per
pair.



No. 586w.

All sizes of Saw Webs in stock. Quotations on application.

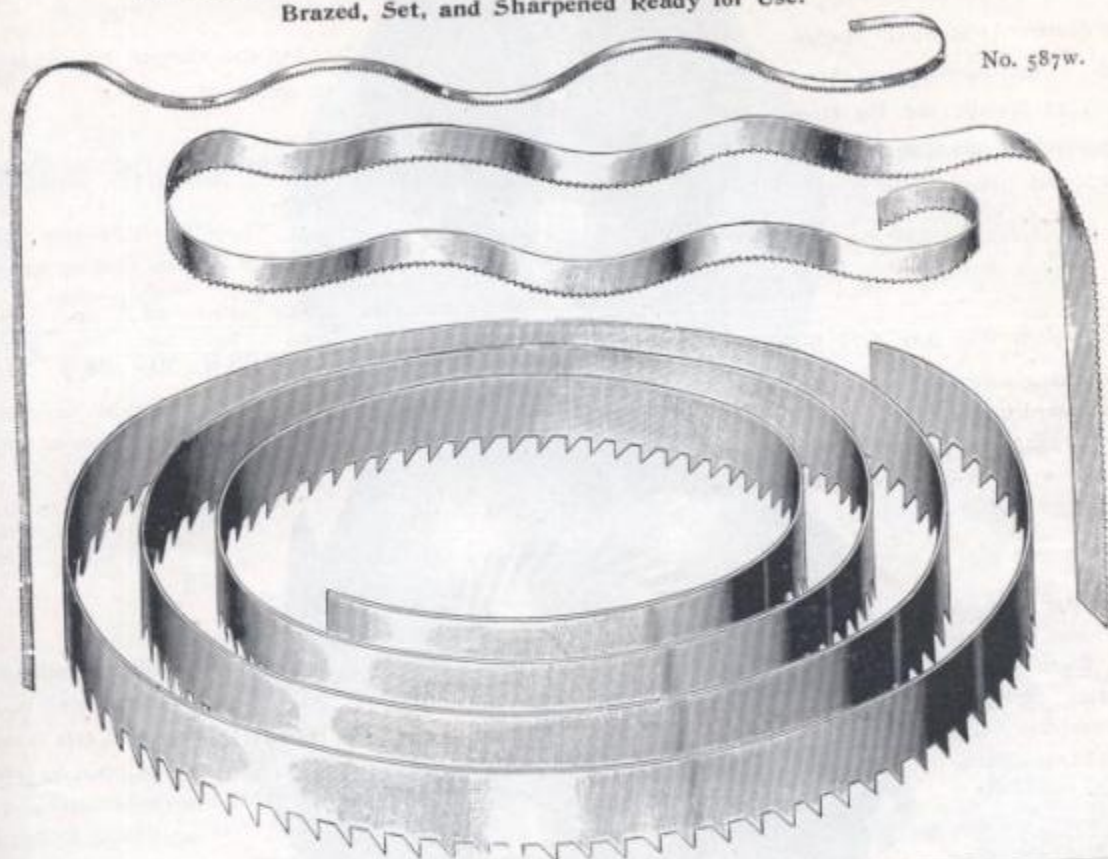
Contractors to the Home, Indian, and Colonial Governments.

Rd. MELHUISE, Ltd., Fetter Lane, Holborn Circus, London, E.C. 83

Machine Band Saws for Hard and Soft Woods.

Uniform throughout in Temper, Width, and Gauge.

Brazed, Set, and Sharpened Ready for Use.



Size.	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{2}$ inch.
12 to 13 ft. long	4/8	5/-	5/6	6/2	7/2	8/2	8/2	11/2	12/- each.
13 " 14 " "	4/11	5/3	5/9	6/5	7/6	8/7	8/7	11/10	12/8 "
14 " 15 " "	5/2	5/6	6/-	6/8	7/10	9/-	9/-	12/6	13/4 "
15 " 16 " "	5/4	5/9	6/3	7/-	8/2	9/5	9/5	13/2	14/- "
16 " 17 " "	5/6	6/-	6/6	7/3	8/6	9/10	9/10	13/9	14/9 "
17 " 18 " "	5/8	6/2	6/9	7/6	8/10	10/4	10/4	14/6	15/6 "
18 " 19 " "	5/10	6/4	7/-	7/9	9/2	10/9	10/9	15/2	16/2 "
19 " 20 " "	6/1	6/6	7/3	8/-	9/6	11/2	11/2	15/10	16/10 "
20 " 21 " "	6/4	6/9	7/6	8/4	10/-	11/8	11/8	16/4	17/8 "
21 " 22 " "	6/6	7/-	7/8	8/6	10/2	12/-	12/-	17/-	18/4 "
22 " 23 " "	6/9	7/3	8/-	8/9	10/6	12/6	12/6	17/8	19/- "
23 " 24 " "	7/-	7/6	8/3	9/-	10/10	13/-	13/-	18/4	19/9 "

Prices for Longer and Broader Saws on application.

Band Saws for Cutting Metal.—Prices on application.

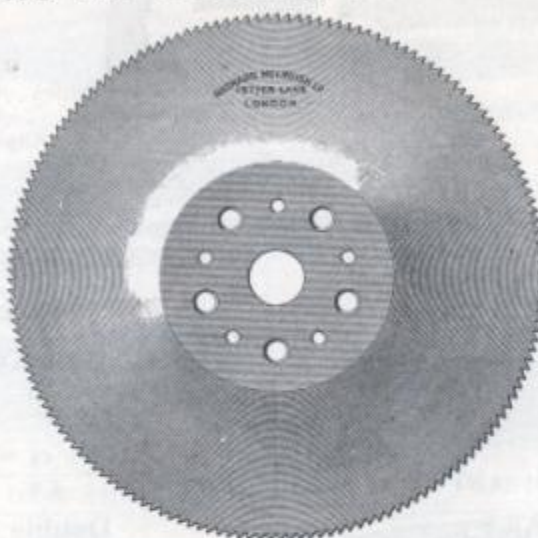
No. 588w. Genuine French Band Saw Steel, Toothed and Set only.											
Width	...	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	1	$1\frac{1}{8}$	$1\frac{1}{2}$	$1\frac{1}{2}$ in.	
Prices	...	-/8	-/8	-/9	1/-	1/-	1/2	1/6	1/7	1/8	2/- per yard.

Circular Saws for Cutting Iron and Steel, Cold.

No. 592W.

Hollow Ground.

Specially manufactured from the very finest quality Cast Steel and Warranted.



Hollow Ground.

Every detail in these Cold Saws is carefully superintended to give the Best Results.

Diameter	18	20	22	24	26	28	30	32	34	36 in.
Gauge	6	6	5	5	5	5	4	4	4	4
Price	32/6	34/6	42/-	46/6	56/-	63/-	69/-	77/9	83/9	92/- each.

Saws thicker than the above advance in price proportionately.

If bored to fit Hill's Patent Machine, with 5 Countersunk Holes, 3/6 each extra.

" " " " " " 6 " " 4/6 " "

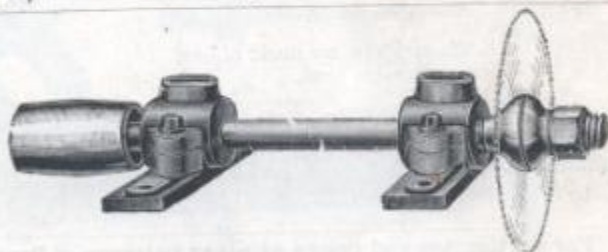
Hill's Plates made and fitted if required. Prices on application.

Saw Spindles, etc.

No. 593W. Steel Spindle, Cast Iron Blocks, Pulley, and Flanges with Composition Metal Bearings.

Diameter of Spindle	1	1 1/8	1 1/4 in.
Length of Spindle	17	20	23 "
Price	19/-	25/-	35/- each.
" with Fast and Loose Pulleys	22/-	29/-	40/6 "

This price does not include Saw.



No. 594W. Circular Saw Spindles, complete with Brass Bushed Bearings, Collars, and with Fast and Loose Pulleys.

Diameter of Spindle	1	1 1/8	1 1/4	1 1/2	1 3/4	2 in.	Carriage Forward.
Price	37/6	42/6	47/6	52/6	60/-	85/- each.	

Machine Hollow-Ground C.S. Grooving Saws.

No. 595W.	Diameter...	4	5	6	7	8	9	10	12 in.
	5/16 in. thick	8/-	10/-	12/6	14/-	16/-	18/-	20/-	23/6 each.
	3/8 in. thick	8/6	10/6	12/6	15/-	17/4	19/6	21/-	25/- "
	1/2 in. thick	9/-	11/6	13/-	15/6	18/-	21/-	23/-	26/- "
	5/8 in. thick	10/-	12/6	15/-	17/-	19/6	22/-	24/-	28/6 "



Jointed or Flexible Saw.

No. 596W.

Formed of hardened steel plates, loosely riveted together. Very strong and flexible. Through the rings at ends round pieces of wood may be inserted to form handles.



Price 7/6 each.

Orders of 20/- and upwards Carriage Paid (with few exceptions).



No. 597w. Nest of Saws.

Of Best Quality.

Price 2/9 complete as shown.

Handle and Screws -/8 each. | Keyhole Blade -/5 each.
Compass Blade ... -/8 " | Pruning " 1/3 "
English Manufacture.

No. 598w. Nest of Saws.

Of the Best Quality, with special large Metal Cutting Blade.

Price, complete with Handle, 10 in. Keyhole,
12 in. Compass, and 18 in. Metal Cutting
Blade, 5/- each.



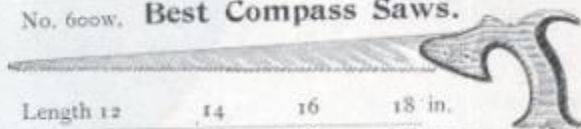
Pruning Saw.

No. 599w. 18 in., 3/-; 20 in., 3/3; 22 in., 3/9; 24 in., 4/-



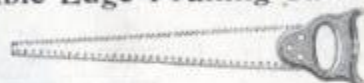
No. 600w. Best Compass Saws.

Length	12	14	16	18 in.
Price	1/3	1/4	1/6	1/8 each.



Double Edge Pruning Saws.

No.	Length	16	18	20 in.
602w.	Price	2/6	3/-	3/3 each.



Pruning Saw.

No. 601w.

Price 2/9 each.

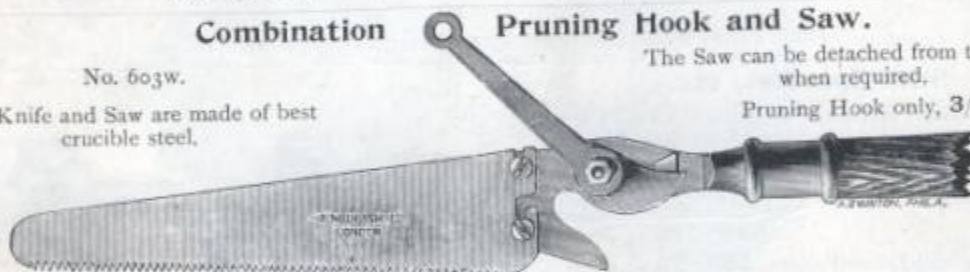


Combination

No. 603w.

The Knife and Saw are made of best
crucible steel.

Price
as
illustrated,
5/8



Pruning Hook and Saw.

The Saw can be detached from the Hook
when required.

Pruning Hook only, 3/9

Handles
in
each
case
extra.

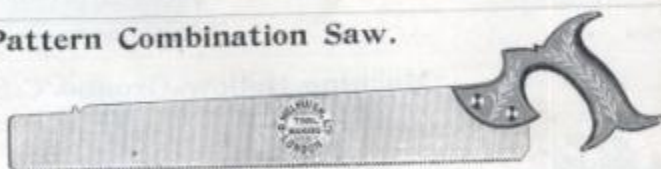
For particulars and prices of other patterns of Pruning Hooks, Garden Tools, etc., see Section No. 16 of our Catalogue, 124 pages—**HORTICULTURAL, FARM, and ESTATE APPLIANCES.** A copy will be sent on application.

No. 604w.

Melhuish's New Pattern Combination Saw.

Can be used as Hand, Back, Pruning, and General Purpose Saw; is light, handy, made of the very best steel, ground thin to the back and fully warranted. Made in one size only, Blade 17 in. long.

Price, with Polished Beech Handle (not carved), 3/6 ea.



No. 605w.

Thin Brass Back Saws for Wood.

Best Quality and Finish with Hardwood Handles.



Length	5	6	7	8 in.
Price	-/9	-/10	-/11	1/- each.

A large and varied Stock of Engineers' Tools and Motor Accessories.

Pad Saw Handles.

No. 606w.

Best quality only.

No. 607w.



Beechwood, Large, 1/- Small, -/9 each.
Best Ebony, Large, 2/- each.



Boxwood, large, 1/6 each.
Blades extra. For prices see below.

Keyhole Saw Blades.

To 10 in., -/3 each.
" 12 " -/4 "

No. 608w.



Special Blue Tempered
Blade ground off thin to
back. Price -/6 each.

Keyhole Saw and Pad.

No. 609w.



New design. Best black Japan finish.
Price, complete with Blade, -/9 each.

Keyhole Saw and Pad.

No. 610w.



A cheap and convenient combination of Keyhole Saw, Saw
Pad and Screwdriver, complete with Blade. Price -/8 each.

Patent Adjustable Iron Handle Pad Saw.

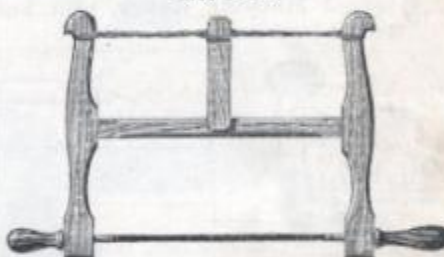
No. 611w.



Price, complete with Blade, -/10 each.
Extra Blades, -/3 each.

Turning Saws and Frames.

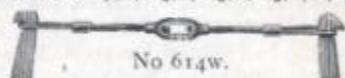
No. 612w.



Polished Beech Handles.

8	10	12	14	16	18 in.
2/9	3/-	3/6	3/9	4/6	5/3 each.

Saw Blades only, -/2½, -/2½, -/2½, -/4, -/6 ea.



No. 614w.

With Improved Pattern Iron Tightening
Rod, -/3 each extra.

No. 613w.

Butcher's Bow Saw.



	16	18	20 in.
Riveted ...	4/6	4/9	5/6 each.
With Nut and Screw ...	5/6	5/9	6/6 "

Domestic Bow Saw.

No. 615w.



Size ...	12	14 in.
Price ...	2/6	2/9 each.



Beech Saw Handles.

No. 617w.

Hand Saw ... -/9 each.
Back " ... -/9 "
For Disston's Saws—
No. D8 ... 1/4 each.
" 7 ... -/9 "
" 16 ... 1/6 "

No. 616w.

Saw Screws.

Made from Wrought Brass.



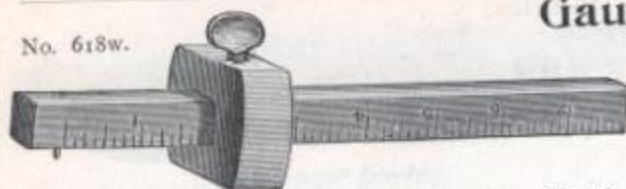
A and B, Centennial, -/1½ each.
C, Eagle, small, -/2; Large, -/2½ each.
D, Raised, -/2½ each. E, Iron, -/2½ each.
Brass Screws for English Saws, -/1 each.

**DON'T FAIL TO SEND US ALL YOUR INQUIRIES
AND ORDERS.**

Contractors to the Home, Indian, and Colonial Governments.

Gauges.

No. 618w.



Beech Marking Gauge, Rule Marked ... -/3 each.

No. 620w.

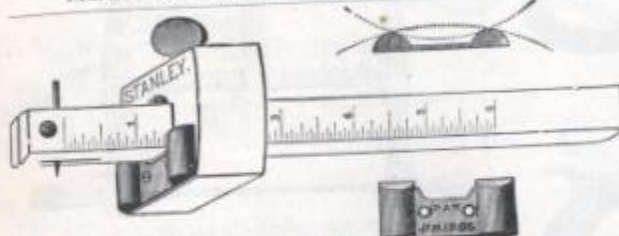


Best Beech Marking Gauge ... -/6 each.
Ditto, Plated... -/8 each. Head faced with brass 1/6 ..

No. 622w.



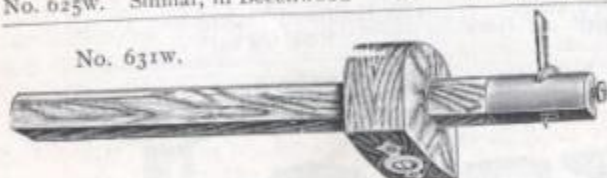
Nickel-plated Marking Gauge, with Rule Marked Steel Bar ... 1/6 each.



Straight or Circle Marking Gauge. With the Ribbed Brass Face a gauge line may be run with perfect steadiness and accuracy round curves of any degree, either concave or convex. The head is reversible, and the flat side can be used for ordinary work.

No. 624w. In Polished Boxwood, Rule Marked 1/- each.
No. 625w. Similar, in Beechwood ... -/8 ..

No. 631w.



New Pattern Cutting Gauge ... 2/6 each.

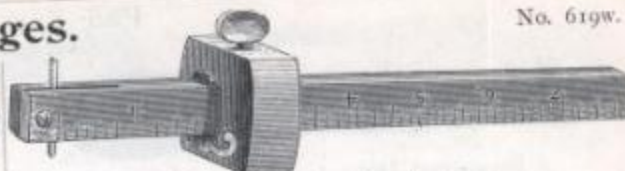
Improved

A metallic Butt Gauge, having one Bar with two Steel Cutters fixed on it. When the Cutter at the outer end of the bar is set for gauging on the edge of the door the Cutter at the inner end of the bar is already set for gauging from the back



Bronze Medal, 1884.—Gold Medal, 1890.

No. 619w.



Polished Hardwood Gauge, Plated Head, Brass Thumbscrew and Shoe, Rule Marked Stem, with Adjusting Steel Point... 1/3 each.

No. 621w.



Pattern-makers' Beech Marking Gauge -/6 each.

No. 623w.



Marking and Mortise Gauge, Nickel-plated, with Rule Marked Steel Bars ... 2/9 each.



No. 626w. Cutting Gauge, Best Beech ... -/8 each.
No. 627w. Ditto, ditto, Brass plated ... -/10 ..
No. 628w. Ditto, Best Hardwood ... 1/4 ..
No. 629w. Ditto, ditto, Brass plated ... 1/9 ..
No. 630w. Ditto, Head faced with Brass and Brass Hooped ... 2/3 ..

No. 632w.



Improved Oval-head Brass-faced Cutting Gauge ... 3/9 each.

Butt Gauge.

of the jamb. The other bar has a Steel Cutter to accurately gauge for the thickness of the Butt. Convenient for carrying in the pocket. Bars cannot fall out of Stock.

Price, Nickel-plated ... 2/9 each.

Crenelated Steel Square.

This is designed to facilitate the operation of marking timber for mortises or the "laying off a frame" with the utmost accuracy. It excels all other squares for carpenters' or builders' use. Turning the timber is nearly dispensed with; as three sides can be marked while it remains in the same position.

By the use of this Square one man can lay off more timber in the same length of time than two men can in the ordinary way.

You can mark on either side or overhead.

DIRECTIONS FOR USE.

Take the Square in the left hand, lay the tongue of the Square upon the surface to be marked, for a tenon or mortise, lower the end of the main arm of the Square next to you, say about two or three inches from the upper surface, place the awl, held in the right hand, in the notch designating the distance you wish to have the mortise or tenon from the outer surface, gently press the Square against the timber, and with one forward movement the mark is made. Replace the Square as before, place the awl in the notch desired for width of mortise or tenon, and again mark as before. For a mortise, replace again, place the awl in a notch equidistant from marks already made, and again mark, for a guide to the auger, doing away with witness marks.

In using a pencil, after having marked, move the Square back a trifle before moving the right hand, to avoid breaking the pencil.

The same rules apply to its use in marking on the sides of timber or overhead, and with the Square in either hand.



No. 665w.	Polished. Graduated $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$ in., Board and Brace Measure	Price 5/6 each.
" 666w.	Nickel-plated. Ditto, ditto	" 6/9 "
" 667w.	Polished. Graduated $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ in., with Brace Measure, 8 square and $\frac{1}{16}$ scale, and Essex's New Board Measure, giving feet and inches in full	" 8/- "
		" 9/- "

No. 668w. Nickel-plated. Ditto, ditto

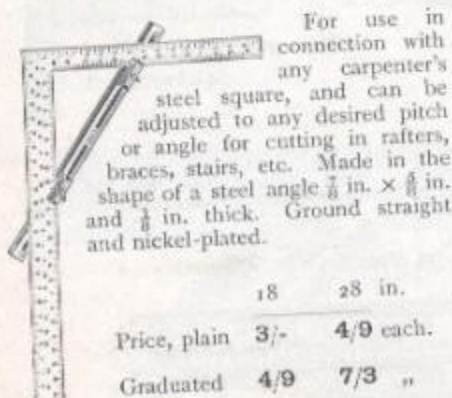
Steel and Iron Squares (not Crenelated).

The following are full polished, finely finished, accurately graduated, and warranted correct. Their reputation is that they are the best ever made.

No. 669w.	Polished. 2 in. wide, improved cast steel. Marked $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ in., with Brace Measure, 8 square and $\frac{1}{16}$ scale, and Essex's New Board Measure, giving feet and inches in full...	Price 5/- each.
" 670w.	Nickel-plated. Ditto, ditto	" 6/6 "
" 671w.	Polished. Ditto, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$ in., Board and Brace Measure	" 3/6 "
	All the above squares are 24 x 16 in.	" 2/9 "
" 672w.	12 in. Polished Steel Square, marked $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$ in.	" 2/9 "

Patent Stair Gauge.

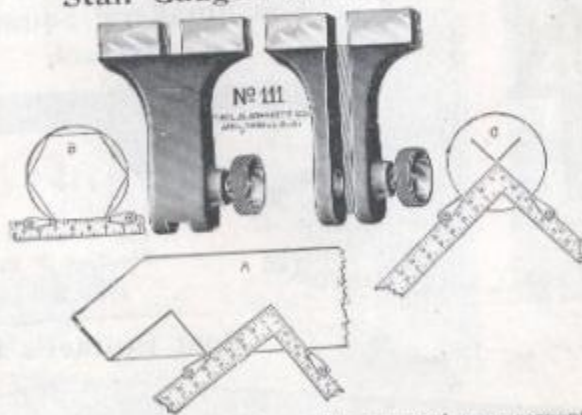
No. 673w.



For use in connection with any carpenter's steel square, and can be adjusted to any desired pitch or angle for cutting in rafters, braces, stairs, etc. Made in the shape of a steel angle $\frac{7}{8}$ in. x $\frac{5}{8}$ in. and $\frac{3}{8}$ in. thick. Ground straight and nickel-plated.

	18	28 in.
Price, plain	3/-	4/9 each.
Graduated	4/9	7/3 "

Stair Gauge Fixtures. No. 674w.



A pair of these fixtures can be readily clamped to a carpenter's steel square to form a gauge for various uses. Sketch A shows the gauge as applied for laying out a stair stringer; sketch B, laying off hexagon angles; sketch C, as used as a centre gauge or in quartering a circle. Price, 2/6 per pair.

Contractors to the Home, Indian, and Colonial Governments.

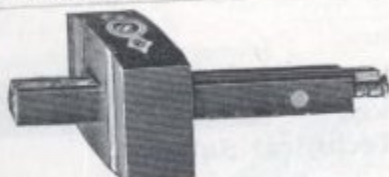
Gauges.



No. 634W. Brass Slide Rosewood Mortise Gauge 1/9 ea.
No. 635W. Brass Shield on Head ... 2/- "



No. 636W.
Rosewood Mortise Gauge, Brass Plated,
Thumbscrew or Turnscrew Slide ... 3/- each.



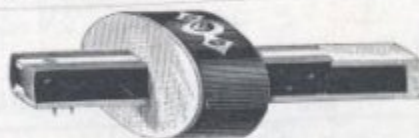
No. 637W. Ebony Mortise Gauge, Thumbscrew
or Turnscrew Slide ... 3/3 each.



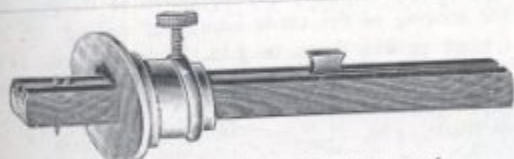
No. 638W.
Ebony, Brass-faced Head Mortise Gauge,
Thumbscrew or Turnscrew Slide ... 4/- each.



No. 639W. Ebony Oval Head, Brass-faced and
Stem Mortise Gauge ... 4/3 each.



No. 640W. Improved Brass-faced Oval Ebony
Head and Stem Mortise Gauge 6/- each.



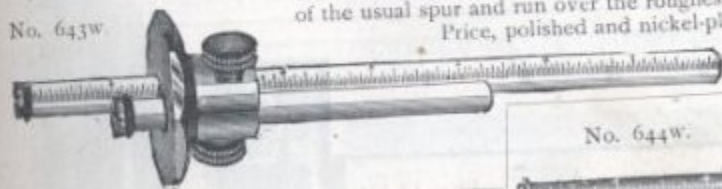
No. 641W. Oval Combination Mortise and
Marking Gauge with Solid
Brass Head ... 5/9 each.



Butt and Rebate Gauge.
No. 642W.
Useful in
hanging doors,
mortising,
marking, etc. Has 2 Brass Bars, one movable within the
other. The 2 steel blades at extremity of inner bar can be
moved to any position by the Thumbscrew.
Price, packed in box ... 4/9 each.

Combination Roller Gauge. For lining out single and double work, measuring depths and striking circles, etc. When used as a single gauge the shorter beam slides into head. Rollers take the place of the usual spur and run over the roughest work with perfect ease and accuracy.

No. 643W. Price, polished and nickel-plated ... 4/2 each.



No. 643 1/2 W. Similar to above ... 3/3 each.

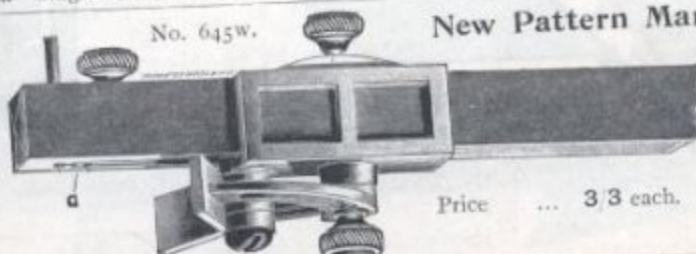
Combination Triple Beam Roller Gauge. For single, double, or triple measurements, polished and nickel-plated ... 4/- each.

No. 21A. Single beam, Price 2/6 each.



No. 644W.

For curved work loosen thumbscrew on upper side, adjust Gauge Face against edge of work and tighten thumbscrew. Double line gauging is done by a shifting marker carried on a sliding plate.



No. 645W.

New Pattern Marking Gauge.

Price ... 3/3 each.

When necessary these can be readily removed. The sliding plate, mounted in a slot in Gauge Bar, is adjusted and secured by a thumbscrew.

Best Quality Joiners' Squares.



		3	4½	6	7½	9	10½	12 in.
No. 646w.	Plated Rosewood ...	1/-	1/2	1/4	1/8	1/11	2/3	2/6 each.
" 647w.	Best Plated Ebony ...	1/3	1/5	1/8	2/-	2/4	2/6	3/2 "
" 648w.	Ditto, combination Square and Mitre	—	2/-	2/6	—	3/3	—	4/- "

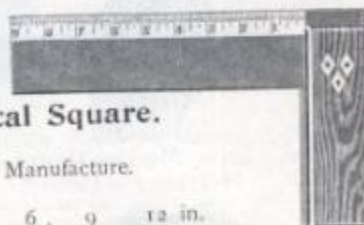


No. 649w.
**Diamond
Plated
Mitre
Square.**

	8	10	12 in.
Price ...	2/2	2/4	2/9 each.
" in Ebony ...	2/9	3/3	3/9 "

No. 650w.

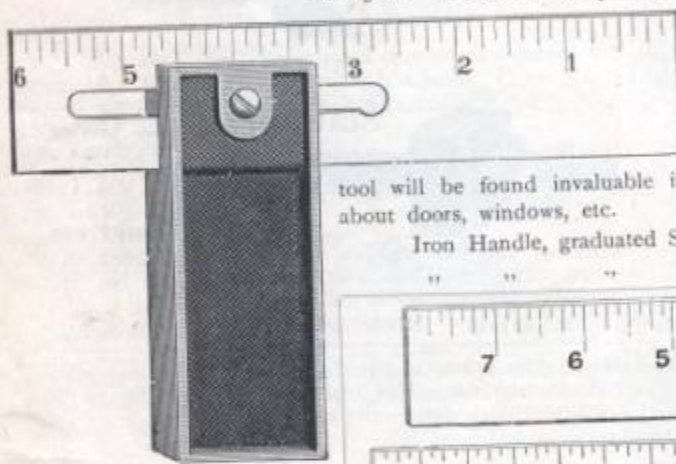
**Rule-
Marked
Technical Square.**



English Manufacture.

	6	9	12 in.
Price ...	15/-	21/6	27/6 per doz.

No. 651w. **Patent Adjustable Try Square.**



The Blade of this Square can be firmly and accurately secured in its seat at any point. When the Blade is carried fully to the front of the handle it is like an ordinary Try Square in all its uses, and the moving of the blade admits of making the Try Square perfect down to ¼ in. blade, or less. This

tool will be found invaluable in putting on butts or locks, and doing short work about doors, windows, etc.

Iron Handle, graduated Steel Blade, 4 in. ...	1/3 each.
" " " " " 6 " ...	1/6 "

**Improved Iron
Frame Try and
Mitre
Squares.**

	4	6	8	10	12 in.
No. 652w. Try Square	9	1/-	1/3	1/6	2/- ea.
" 653w. Mitre "	1/2	1/4	1/8	2/-	2/6 "



No. 654w.

**Improved Iron Frame
Mitre Square.**

	4	6	8	10	12 in.
No. 652w. Try Square	9	1/-	1/3	1/6	2/- ea.
" 653w. Mitre "	1/2	1/4	1/8	2/-	2/6 "



No. 652w.

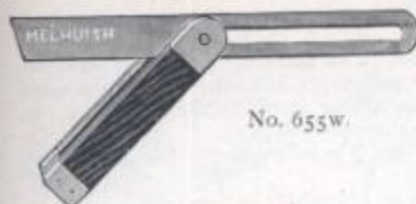


No. 653w.

Nickel-plated Stock, Steel Blade.

	8	10	12 in.
Price ...	2/-	2/3	2/6 each.

Orders of 20/- and upwards Carriage Paid (with few exceptions).



No. 655w.

Improved Sliding Bevels.

Blued Steel Blades.



No. 656w.

Size	...	...	...	...	...	...	7 1/2	9	10 1/2	12 in.
Best Plated	Rosewood Stock	...	...	...	...	...	1/10	2/-	2/3	2/6 each.
"	Ebony Stock	...	...	...	...	...	2/-	2/2	2/4	2/8 "
"	Brass Framed Stock	...	...	...	...	...	3/-	3/4	3/6	4/- "



Improved Pattern Iron Stock Bevel.

No. 657w.

Flush Screw, Parallel Edges, Steel Blade, 10 in.
Price 2/- each.

Stanley Angle Divider.

No. 660w.

With this tool any angle can be found and bisected. Fitting moulding or other wood-work to odd angles can be done with ease and certainty. It is also graduated for the parts of circle commonly used. A handy tool for laying out work.

The Angle Divider is accurately made and can be used as a Try or "T" Square.

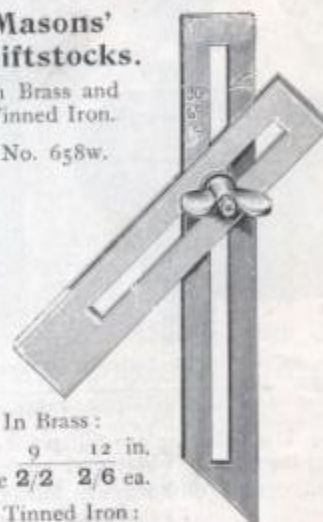
Angle-Divider, Nickel-plated, Price 5/6



Masons' Shiftstocks.

In Brass and Tinned Iron.

No. 658w.



In Brass :

9 12 in.

Price 2/2 2/6 ea.

In Tinned Iron :

9 12 in.

Price 1/2 1/3 ea.

No. 659w.

In ordering, our customers are requested to give the number of the article and the page and not to cut the Catalogue. Loose sheets will be sent if desired.

RICHARD MELHUISH, Ltd.



No. 661w.

Spider Mortise Bevels.

Price 2/9 each.



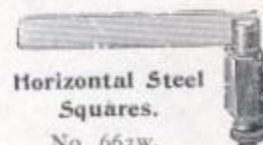
Coachmakers' Squares and Bevels.



No. 662w.

Mortise T Bevels.

Price 2/6 each.



Horizontal Steel Squares.

No. 663w.

Gunmetal Handles.

Price 4/6 each.

Boat Builder's Bevel.

No. 664w.

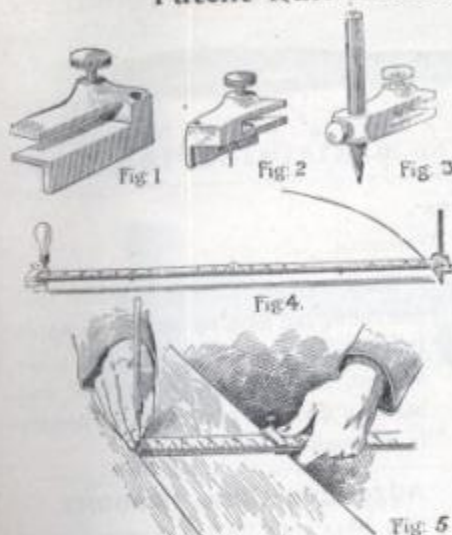
Extra Strong, 12 in., 1/3 each.



Polished Boxwood, 2 Brass Tongues, marked inches into eighths.

Patent Rule Attachments.

No. 675w.



Specially designed for the use of Draughtsmen, Clerks of Works, Foremen, etc., for setting out and marking off.

Fig. 1 is for use on the rule as a gauge as shown in Fig. 5, and may be used for striking curves or circles by using a bradawl for a centre, as shown in Fig. 4.

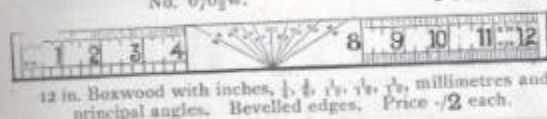
Fig. 2 is fitted with a fine steel point, which folds up into the fence when not in use, and so admits of same being used as shown in Fig. 5. This point dispenses with the use of a bradawl, and is specially designed for use on the drawing-board.

Fig. 3 is adapted to hold a pencil, drawing-pen, or steel point, and to be used with either Figs. 1 or 2 when using the rule as a beam compass or trammel as shown in Fig. 4.

Prices, in Solid Brass:

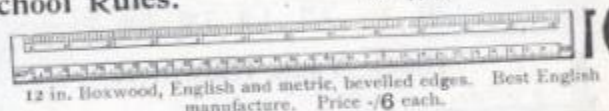
Polished.—Figs. 1 and 3, 1/- each. Fig. 2, 1/3 each.
In sets of 1 and 3, 2/- per set. In sets of 2 and 3, 2/3 per set.

No. 676½w.



Technical School Rules.

No. 677w.



Best Boxwood Modelling Tools.

No. 677½w.

In 12 different patterns.

Length 6 in.	...	...	...	Price 3/- per doz.
" 7 "	...	...	...	" 3/- "
" 8 "	...	...	...	" 4/- "
" 10 "	...	...	...	" 5/- "

Modelling Materials.

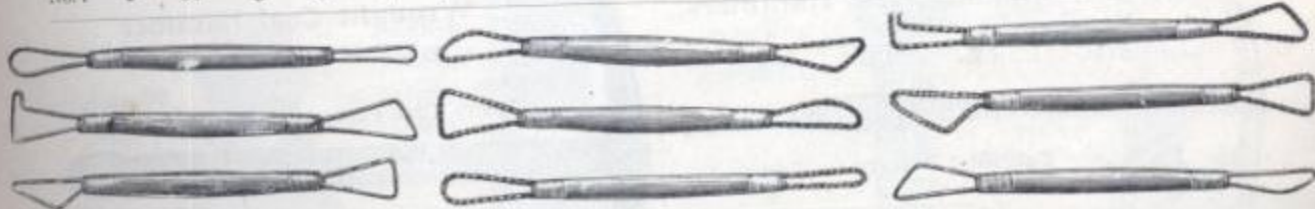
No. 678w.

Grey Modelling Clay	7	14	28	112 lb. damp.
Price	1/-	1/7	2/7	9/-
Dry Powder	7	14	28	112 lb.
Price	1/6	2/6	5/-	14/-
Terra Cotta Modelling Clay	14	28	112 lb. damp.	
Price	...	2/4	3/10	13/4

Carriage Forward.



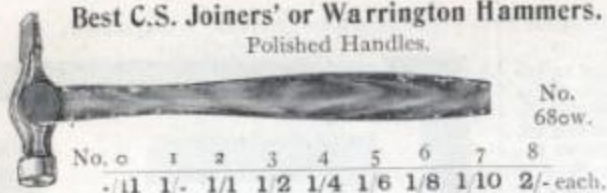
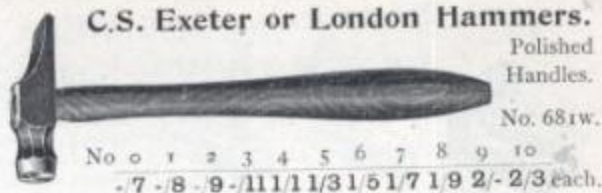
No. 679w.



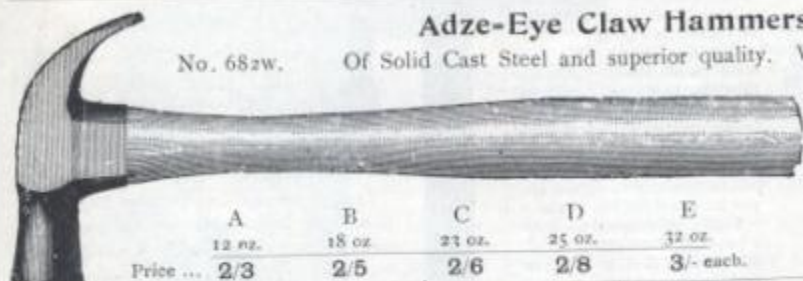
Brass Wire Modelling Tools.

6½ in. long ... Price 7/- per doz.

Bronze Medal, 1884.—Gold Medal, 1890.

Best C.S. Joiners' or Warrington Hammers.
 Polished Handles.

C.S. Exeter or London Hammers.

Adze-Eye Claw Hammers

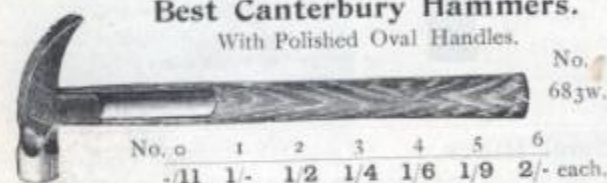
No. 682w. Of Solid Cast Steel and superior quality. Warranted.



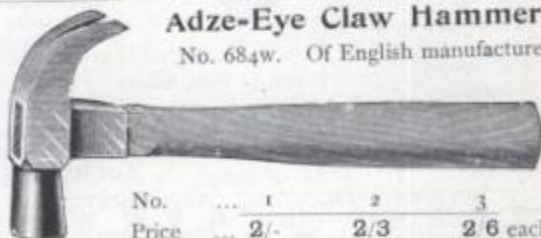
These Hammers are of improved form and finish, and have an oval eye in which the Handle is firmly wedged; this gives strength and durability to the tool, and makes it the most perfect Claw Hammer in the market.

Best Canterbury Hammers.

With Polished Oval Handles.


Adze-Eye Claw Hammer.

No. 684w. Of English manufacture.


Black Tack Hammer.

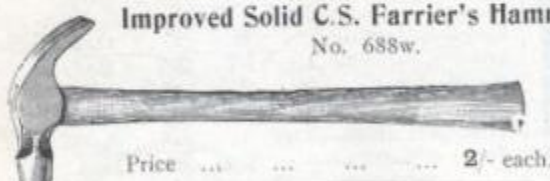
Special Light Hammers.

Best Solid Steel Heads and Polished Handles.


Black Warrington Tack Hammer.

Improved Solid C.S. Farrier's Hammer.

No. 688w.


Upholsterers' Hammers.

Wrought Coal Hammer

with Steel Points, 1 lb. each.


Tool, Machine, and Hardware Merchants and Manufacturers.

No. 694w.



Best C.S. Kent Axes.
With Hickory Handles.

2	2½	3	3½	4	5 lb.
Price	2/4	2/8	3/-	3/6	4/- 4/9 ea.


No. 695w.



Warranted Steel Poll Hatchets.
Handled.

No.	0	1	2	3	4	5	6
Price	1/2	1/3	1/5	1/7	1/9	1/11	2/2 ea.

No. 696w.



American Pattern Shingling Hatchets.

No.	...	1	2	3
Price	...	2/4	2/8	3/- each.

No. 697w.



Best C.S. Shingling Hatchets.
Bright and Japanned.

No.	...	1	2	3
Price	...	2/2	2/6	2/9 each.

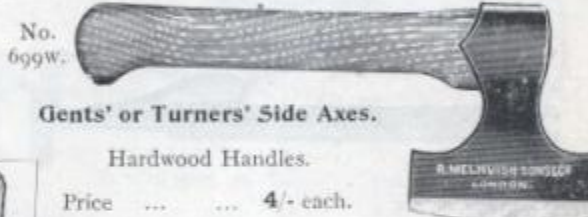
No. 698w.



Best Cast Steel Fireman's Axes.

Price	3/6 each.
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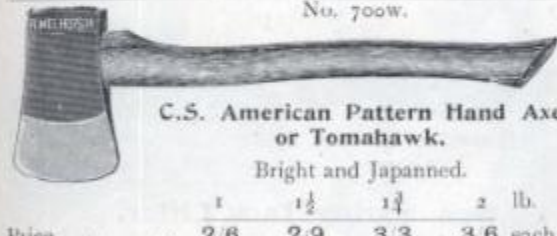
No. 699w.



Gents' or Turners' Side Axes.
Hardwood Handles.

Price	4/- each.
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No. 700w.



C.S. American Pattern Hand Axe or Tomahawk.
Bright and Japanned.

1	1½	1¾	2 lb.		
Price	...	2/6	2/9	3/3	3/6 each.

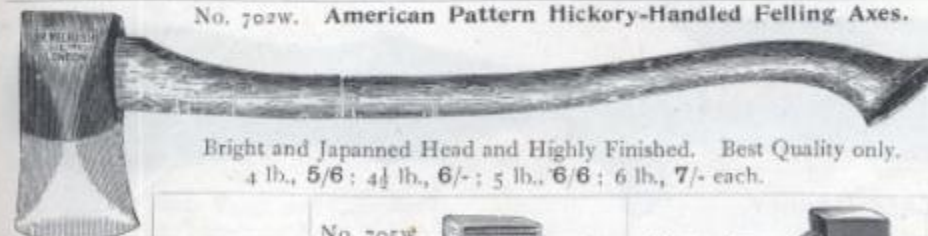
No. 701w.



The Boy Scout's Hatchet.

Price	1/6 each.
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No. 702w. American Pattern Hickory-Handled Felling Axes.



Bright and Japanned Head and Highly Finished. Best Quality only.
4 lb., 5/6; 4½ lb., 6/-; 5 lb., 6/6; 6 lb., 7/- each.

No. 703w.



Solid C.S. American Pattern Axe Head.
1½ lb. 2½ to 6 lb.

No. 704w.



Kent Axe Head.
-10 lb.
2 to 6 lb.

No. 705w.




English Timber Felling Axe Head.
1½ lb.
3 to 7 lb.

No. 706w.



Mortising Axe Head.
Self-Colour.
-10 lb.
3 to 6 lb.

No. 707w.



Coach Side Axe Head.
1½ lb.
3 to 6 lb.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

Best Quality Nail Pullers.

No. 708w.



With these Tools boxes can be opened in one quarter the time and with one tenth the labour required by the old method with chisel and hammer. Nails are drawn out without breaking or bending, and box and cover remain sound.

16 19½ 28 in. long over all.
6/- 7/6 12/- each.

Cheaper quality:

16 23 in. long over all.
2/3 3/6 each.

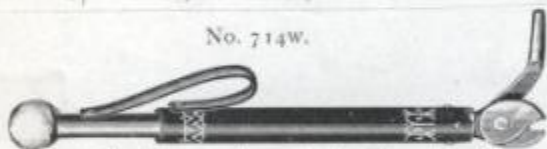
Hammer Head.

No. 711w.



16 10½ 28 in. long over all.
7/- 8/6 13/- each.

No. 714w.



Special make, one size only, length 19½ in., 6/- Fully warranted.

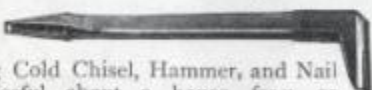
Improved Steel Claw Wrench, Hammer and Chisel Combined.

No. 716w.

Price -/8 each.

Warranted C.S. Case Opener.

No. 718w.



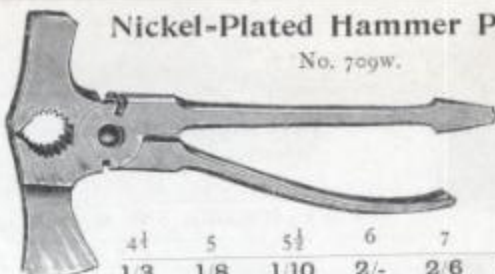
Combining Cold Chisel, Hammer, and Nail Wrench. Useful about a house, farm or warehouse.

12 14 16 18 in.
Round Bar 1/8 1/10 2/1 2/3 ea.
Octagon Bar, special strength 2/5 2/7 3/- 3/4 ..



Nickel-Plated Hammer Pincers.

No. 709w.



4 5 5½ 6 7 8 in.
1/3 1/8 1/10 2/- 2/6 3/- each.

Ice Breaker.

No. 710w.



Length of Blade, 7 inches. Price -/6

Bag Hooks.

No. 712w. With Beech Handle, 1/6 each.

No. 713w. All Iron, 6 in., 1/3 each.

No. 714w. Single Hook, Bright Steel, 1/3 each.



No. 712w.



No. 713w.

Tack Lifter.

No. 715w.



Handled in Boxwood, Square Shank, -/6 each.
No. 715½w. With Round Shank and Beech Handle, -/4 each.

New Spring Tack Lifter.

No. 717w.



Price -/9 each.

Cigar or Confectioners' Box Opener.

No. 719w.



Beech Handled, riveted through, 1/- each.

No. 720w.

Solid Steel Case Opener.

Bright, 17 in. long, 2/6 each.

A large and varied Stock of Engineers' Tools and Motor Accessories.

Tanged Kent Block Bill.



No. 721w.

No. 1 2 3
2/- 2/2 2/3 each.

Best Quality Broom Hooks.



No. 722w.

Size ... A B C
Price ... 2/6 2/9 3/- each.

No. 723w. Staffordshire Bill Hooks.



Size ... A B C
Price... 2/- 2/3 2/6 each.

No. 724w. Coopers' Nail Adzes.



No. 1, 3/3 No. 2, 3/4 No. 3, 3/6 each.
Solid do. " 3/- " 3/2 " 3/3 "

Wheeler's Adze.

No. 724 1/2 w.



No. 1 2 3
Price 3/6 4/- 4/3 each.

Shipwright's Adze.

American Pattern. Solid Steel.



No. 725w.

Bright and Japanned, 4/3 each.

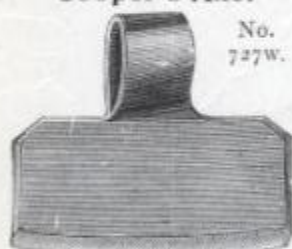
Carpenter's Adze. No. 726w.



No. 1, 2/6 No. 2, 2/9 No. 3, 3/- each.

Cooper's Axe.

No. 727w.



9 10 11 12 in.
4/- 4/3 4/6 4/9 each.



Cooper's Shave.

No. 728w.

Warranted
2-hand
Round
Shaves.

1/9 each.

Cooper's Drivers.

No. 729w.

No. 730w.



No. 729w.
Price 1/8 each.

No. 730w.
With Wood Head
and Solid Sockets.

Price 2/3 each.



Cooper's Jigger.

No. 731w.



Bright and Blued.
Length on Edge, 2 1/2 in.
Price 2/9 each.

Bung Borers.

No. 732w.



Cooper's Open Nosed Pattern
" Screw " "

2 2 1/2 3 in.
4/- 4/3 5/- each.
4/3 5/- 5/6 "

2-Foot Two-Fold Flexible Brass Rules.

No. 733w. Round Joint.

No. 733w. 3/8 in. wide, marked inches in 8ths and 16ths Price -/7
" 734w. With Stop Joint ... -/9



Builder's and Surveyor's Folding Laths.

With Spring Top.

No. 735w. 5 ft. long. Black and White

Figures ... Price 3/3

" 736w. Ditto, feet marked in Red " 3/9



Contractors to the Home, Indian, and Colonial Governments.

Cabinet Scraper.



This New Model is adjustable, and has a tilting device. The Blade cannot possibly slip back while working. Stop Screws preventing this. Width of Blade 3 in. Price 3/9 complete.

No. 738W. Box Scraper Plane.



Also well adapted for Planing Floors. Handle can be held at any angle. Price, with 2 in. Cutter, 1/6 each. Extra Cutters, -/5 each.

No. 739W. Ship Scraper.

Wood Handled.



Socket Screwed ... 4 1/2 5 in.
Price ... 1/4 1/4 each.

No. 740W. Timber Scribes.



Pocket size.
With Stag Handle.
Price ... 2/9 each.



Sailors' Palms.

No. 741W. Nozzle Roping ... -/8 each.

No. 742W. Seaming Buckled -/9 "

No. 743W. With Wood Handles.



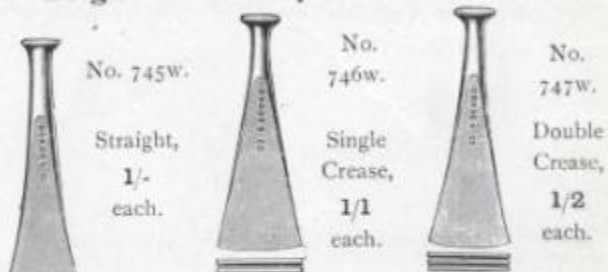
Size ... 3/4 1 1 1/2 in.
Price ... 2/- 2/6 3/- each.

No. 744W. Malleable Iron Timber Dogs.



Size. Price.
1 in. ... -/9 doz.
1 1/2 " ... 1/3 "
2 " ... 1/6 "
2 1/2 " ... 2/6 "

Bright Steel Ship Caulking Tools.



No. 745W.
Straight,
1/-
each.

No. 746W.
Single
Crease,
1/1
each.

No. 747W.
Double
Crease,
1/2
each.



No. 748W.
Forged
Timber Dogs.
All Steel.

For Joiners,
Cabinet Makers,
etc.

Size. Price.
2 in. ... 1/6 doz.
2 1/2 " ... 2/- "
3 " ... 2/- "

Lignum Vitæ Caulking Mallet.



No. 749W.
Price
4/3
each.

Ship Carpenter's Pin Maul.

No. 750W.



Price -/7 per lb.
Average Weight 4 lb.

Handled Slitting Gauge.

No. 751W.



17 in. long, Rule Marked ... Price 2/3 each.

No. 752W. Panel Gauge.



Beechwood, Boxwood Thumbscrew,
Oval Bar, with Steel Points ... Price -/10 each.

Bronze Medal, 1884.—Gold Medal, 1890.

Wood Plugs for Walls.

FOR FIXING ELECTRIC CASING,
MOULDINGS, AND PICTURES.

Saves Labour. Does not Damage
the Walls. Cannot Draw
out. Does not Split.

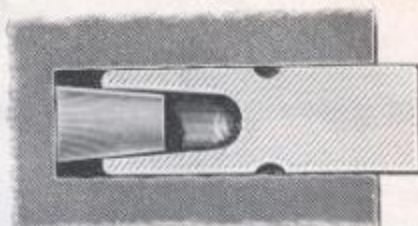
ALTOGETHER
INDISPENSABLE.



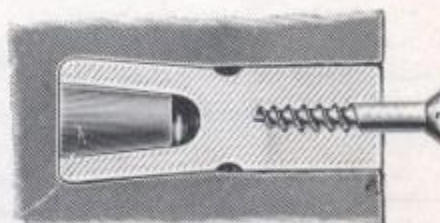
No. 6. No. 5. No. 4. No. 3. No. 2.

Full size illustrations of stock sizes.

No. 753w.



Sectional view of plug in hole before
being driven home.



Sectional view of plug fixed in wall.



Wall Drill.

No. 754w ...	2	3	4	5	6
Price ...	1/6	1/8	2/-	2/4	2/9 each.

Wall Plugs.

No. 755w ...	2	3	4	5	6
Price ...	3/-	3/3	3/9	4/-	4/6 per 100.

Star Section Solid Steel Wall Drills.

No. 756w.

Length ...	12	16	20	24 in.
in diam. ...	-8	-10	1/-	1/3 each.
" " ...	1/-	1/2	1/3	1/6 "
" " ...	1/2	1/3	1/6	1/9 "

Solid Steel Wall Bits with Clearance Hole.

No. 757w.

Diameter ...	1/2	3/4	1	1 1/4 in.
Length about 8 in. ...	-8	1/-	1/3	1/6 each.
" " 12 " ...	1/-	1/2	1/4	1/9 "
" " 16 " ...	1/2	1/6	1/9	2/- "

Octagon Steel Chisels.

No. 758w.

Length ...	12	18	24 in.
in. diam. ...	-8	-10	1/3 each.
" " ...	-10	1/4	1/9 "

Geologists' Hammers.

No. 759w. Straight Pane.

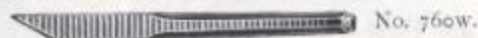


With Oval Ash Handles.

4	8	12	16	20 oz.
1/-	1/1	1/3	1/8	2/2 each.

If with Cross Pane, same Prices.

Cast Steel Plugging Chisels.



No. 760w.

Price ... 1/6 each.

No. 761w. Pointed Pane.



With Oval Ash Handles.

4	8	12	16	20 oz.
1/-	1/1	1/3	1/8	2/2 each.

In ordering, our Customers are requested to give the number of the
Article and the Page, and not to cut the Catalogue; Loose Sheets will
be sent if desired.—R. MELHUISH, Ltd.

Tool, Machine, and Hardware Merchants and Manufacturers.



Hand Drills.

No. 762w.

These Drills are provided with 3 Jaw Chucks and will hold drills up to $\frac{3}{8}$ in. A side handle as shown in cut is furnished with this pattern.

Price 5/-. Complete with 8 Drill Points.
Drill Points, 1/6 per doz.

No. 763w.

This is similar in finish as above. It has cut Gears and an Adjustable Friction Roller to prevent Gears from straining.

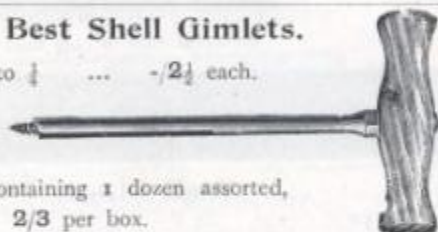


Price ... 10/-. Complete with 8 Points.

No. 764w. Best Shell Gimlets.

From $\frac{1}{8}$ to $\frac{1}{4}$... -/2½ each.

In Boxes containing 1 dozen assorted,
2/3 per box.

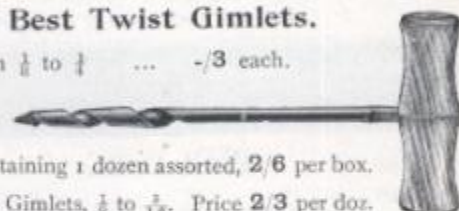


No. 765w. Best Twist Gimlets.

From $\frac{1}{8}$ to $\frac{1}{4}$... -/3 each.

In Boxes containing 1 dozen assorted, 2/6 per box.

Iron Handle Gimlets, $\frac{1}{8}$ to $\frac{1}{4}$. Price 2/3 per doz.



No. 766w Best Swiss Gimlets.

From $\frac{5}{16}$ to $\frac{3}{8}$... -/3 -/3½ -/4 each.

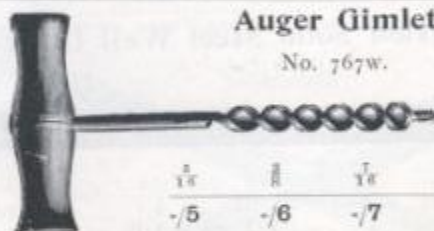
In Sets of 1 dozen assorted sizes,
3/3 per set.



Auger Gimlets.

No. 767w.

$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$ in.
-/5	-/6	-/7	-/8 each.



Gimlet Set.

No. 768w.



2/3 per Set.

Brewer's Gimlet.

No. 769w.



Shell or Twist, -/6 each.

Set of 12 Swiss Bits.

No. 770w.

In Patent Adjustable Polished Boxwood Handle.

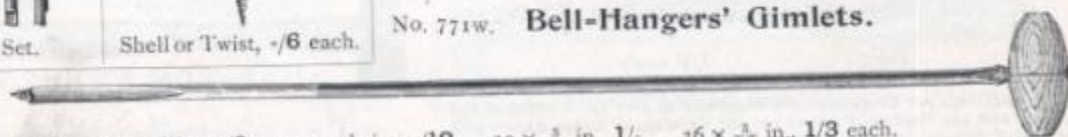


The Bits may be used either as Gimlets or in Brace.

Price ... 3/3 per Set.



No. 771w. Bell-Hangers' Gimlets.



12 x $\frac{1}{4}$ in., -/7. 18 x $\frac{1}{4}$ in., -/8. 24 x $\frac{5}{16}$ in., -/10. 30 x $\frac{5}{16}$ in., 1/-. 36 x $\frac{5}{16}$ in., 1/3 each.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

Bradawls (Beech or Ash Handled).



No. 772w. $-\frac{1}{2}$, $-\frac{2}{2}$, $-\frac{2}{2}$ each.
1/6 per doz.

Box Handled Bradawls, $-\frac{2}{2}$, $-\frac{2}{2}$, $-\frac{3}{3}$ each. 2/- per doz.
Best Bradawl Blades ... $-\frac{8}{8}$ "
Long Pattern Makers' Awls ... 1/6 "

Patent Capped.

Will not pull out.



No. 774w.

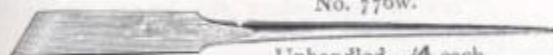
Price ... $-\frac{2}{2}$ $-\frac{2}{2}$ $-\frac{3}{3}$ each. 2/- per doz.

Marking Knives. Handled.

No. 775w. $-\frac{6}{6}$ each.



No. 776w.



Unhandled, $-\frac{4}{4}$ each.

Improved Set, 12 Bradawls.

No. 773w.

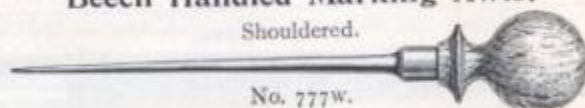


The engraving shows a New Combination Bradawl, containing 12 different sizes of Awls. Each Bradawl has a solid iron shank which fits into the iron heading, the end of the shank appearing through the hole, as shown.

With Set Screw, 1/3. Without Set Screw, 1/-.

Beech Handled Marking Awls.

Shouldered.



No. 777w.

Price $-\frac{3}{3}$ each. 2/9 per doz.
Printers' Bodkins, price $-\frac{2}{2}$ each.

Pocket Scriber.

No. 778w.

Made from the best quality Steel and Nickel-plated. The Scriber is well tempered, and held by a knurled chuck; it is reversible, telescoping into the stock, and is held by a slight turn of the chuck. It is as safe to carry in the pocket as a penknife. Price $-\frac{9}{9}$ each.

Saddlers' Hollow Punches.

Improved Weldless Hollow Steel.

No. 779w.

Nos.	...	1	to 6	7	8	9	10	11	12	13	14	16
Size	...	$\frac{1}{8}$	to $\frac{3}{8}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
Prices	...	$-\frac{4}{4}$	$-\frac{4}{4}$	$-\frac{5}{5}$	$-\frac{5}{5}$	$-\frac{6}{6}$	$-\frac{8}{8}$	$-\frac{9}{9}$	$-\frac{10}{10}$	$-\frac{11}{11}$	$-\frac{13}{13}$	



Pinking Irons.

No. 780w.



Size	...	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{8}$	$1\frac{1}{2}$	$1\frac{1}{2}$ in.
V-shaped	...	$-\frac{8}{8}$	$-\frac{9}{9}$	$-\frac{10}{10}$	$-\frac{11}{11}$	1/-	1 1	1/2	1/6 each.
Half Round	...	$-\frac{9}{9}$	$-\frac{10}{10}$	$-\frac{11}{11}$	1/-	1/1	1/2	1/4	2/- "

Lead Blocks for Cutting on, 23.

Universal Punch.

No. 781w.

These Punches are for punching holes in soft metals, cardboard, rubber, cloth, etc.

Length 7 in. Price 3/6 each.

Sizes supplied: $\frac{1}{8}$, $\frac{3}{8}$, $\frac{1}{2}$ in.

No. 781 $\frac{1}{2}$ w. For Sheet Metal.

Length 11 $\frac{1}{2}$ in. Price 12/6 each.

Sizes supplied: $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$ in.



A large and varied Stock of Engineers' Tools and Motor Accessories.

No. 782w.



Corrugated Iron Punch.

Length 7 in. Price -/8

Cast Steel Motor Punch.

Length 7 in. Price -/8



No. 783w.



No. 784w.

Cast Steel Cooper's Punch.

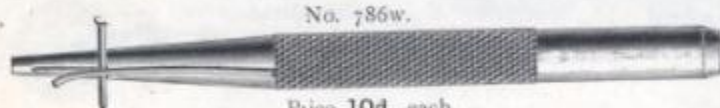
Size 8 x 1 x 1/4 in. point. Price 1/3

Cast Steel Wall Drill.

Length 10 in. Diameter 5/8 in. Price 1/-



No. 785w.



No. 786w.

Price 10d. each.

Patent Nail Holder and Set.

This device is intended to avoid the possibility of pounding the fingers, and the nail can be held where the fingers could not place it.

Wad Punches.

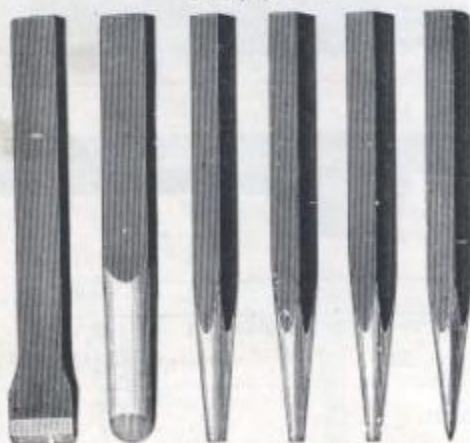
No. 787w.



Up to 1/4 1/2 1 1 1/2 1 3/4 1 1/2 1 3/4 2 in.
Price -/10 1/10 2/5 3/- 4/- 4/10 6/- 8/7 11/8 each.

Set of Six Solid Punches.

No. 789w.



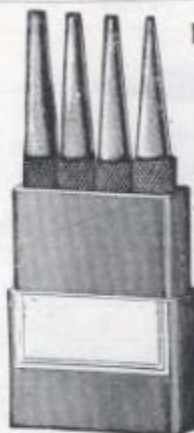
Price 1/6 per set.

Round or Square Nail Punches.

Nos. 1 2 3 4 5 6
Nos. 1 to 3, -/2 each. Nos. 4 to 6, -/4 each.
No. 791w. Hand Rail Punches ... -/5 each.

Pocket Set of High-Grade Nail Sets.

No. 788w.



Consisting of one each of 1/8, 3/8, 1/2, 5/8, and 3/4, put up in a convenient pocket case, as illustrated.

Price 1/3 per set.

Single Punches, price 4d. each.

Special Quality Nail Sets.

No. 790w.

Made of a fine grade of steel with knurled centres, hardened ends, oval tops, and concave tips.

Length 4 in.

Diameters at tips 1/8, 3/8, 1/2, and 3/4 in. ... Price 3 1/4d. each.

Extra Strong Set of 12 Punches.

In Wooden Box, Assorted.

Prices No. 792w.

1/8 - 3/8 in. ... 4/6 per set.
1/4 - 3/4 " ... 4/9 " "

Length 5 in.



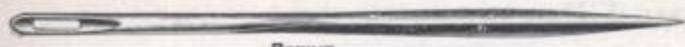
Contractors to the Home, Indian, and Colonial Governments.

Sail Needles. No. 793w.

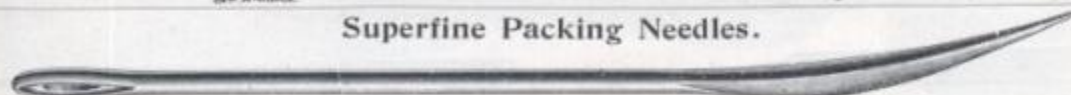
Cast Steel Forged.

Length	... 2½	2¾	3	3½	4 in.
Price	... -/5	-/6	-/7	-/9	1/- doz.

Not less than ½ dozen of any size supplied.



Superfine Packing Needles.

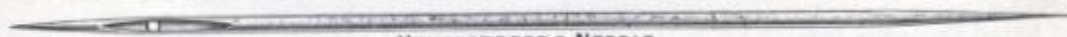


Length	... 3	4	5	6	7	8 in.
Price	... -/3	-/4	-/5	-/7	1/-	1/3 doz.

Not less than ½ dozen of the first four sizes supplied.

Egg-Eyed Upholsterers' and Mattress Needles.

No. 795w.



No. 796w.



Length	... 5	6	7	8	9	10	11	12	13	14 in.
Price	... -/8	-/8	-/9	-/10½	1/-	1/2	1/3	1/6	1/8	1/9 doz.
"	... -/1	-/1	-/1	-/1	-/1½	-/1½	-/1½	-/2	-/2	-/2 each.

Curved Upholsterers', 2 Points. No. 797w.

Length	... 3	4	5	6	7	8 in.
Price	... 1/-	1/3	1/6	1/8	2/-	2/3 doz.
"	... -/1½	-/1½	-/2	-/2	-/2½	-/3 each.

Carpet Stretcher. No. 798w.



Bent Pattern, Polished.

Price ... 2/- each.

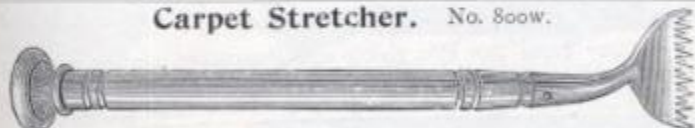
Upholsterers' Pincers. No. 799w



Length 7 in.

Price ... 2/6 each.

Carpet Stretcher. No. 800w.



Straight Pattern, Polished.
Price 1/6 each.

Black.
Price 1/2 each.

Linoleum Knife. No. 801w.



Price ... -/7 each.

English-Made Tower Pincers. No. 802w.



Size	... 5	6	7	8 in.
Price	... -/7	-/8	-/9	1/2 per pair.

Lancashire Make Wing Compasses.



No. 803w. As Illustrated.

	5	6	7	8	9	10	12 in.
	1/4	1/6	1/8	1/10	2/3	2/6	3/9 ea.

No. 803½w. With Rack Wing.
6 in. 2/-, 8 in. 2/6, 10 in. 3/- ea.

Lancashire Pincers.

No. 804w.



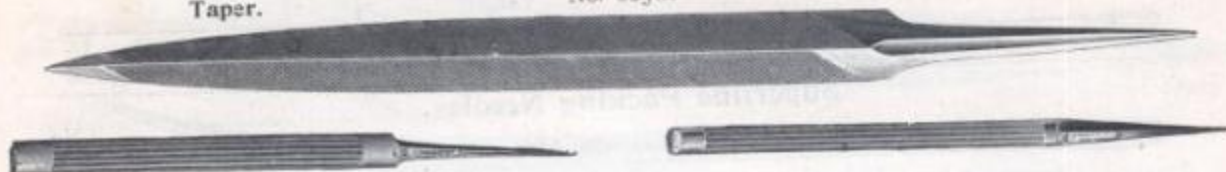
Size	... 5	6	7	8	9 in.
Price	... 1/3	1/6	1/9	2/-	2/6 each.

Bronze Medal, 1884.—Gold Medal, 1890.

Saw Files.

Taper.

No. 805w.



No. 806w. Frame.

No. 807w. Gulleting.

Length ...	2½	3	3½	4	4½	5	6	7	8	9	10 in.
Best C.S. Taper, Single Cut ...	2/3	2/3	2/3	2/9	2/9	3/3	4/3	5/6	6/6	8/6	1/- each. 11/- per doz.
" Stubbs Lancashire Double Cut ...	-2/3½	-2/3½	-2/3½	-4/4½	-5/5	-5/5½	-7/7	-8/8½	1/-	—	— each.
" Half-Round Frame Saw Files ...	—	—	—	-4/4	-4/4½	-5/5	-6/6	-7/7	—	—	— "
" Round Gulleting Saw Files ...	—	—	—	-4/4	-4/4½	-5/5	-6/6	-10/10	1/-	—	— "

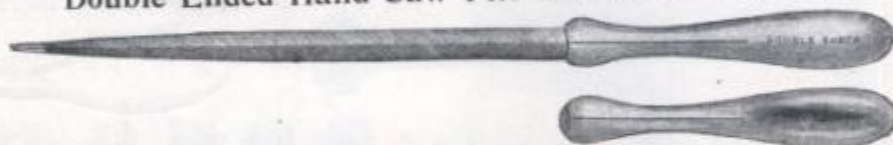
Mill Saw Files. Best Cast Steel.

No. 808w.



Second Cut Single, 2 Round Edges ...	8	9	10 in.
	-7/7	-9/9	-10 each.
	6/-	8/-	9/- per doz.

Double Ended Hand Saw File and Patent Handle.



No. 809w.

These are designed as an improvement upon the ordinary Taper Saw File, giving a greater cutting surface, a longer stroke, and a special handle adapted to fit at either end of the File with a firm grasp.

Size ...	7	8	9	10 in.
Price, with Special Split Handle ...	-5/5	-5½/5½	-6/6	-6 each. 5/6 per doz.
	4/6	5/-	5/3	

Half-Round and Cabinet Rasps.

No. 810w.



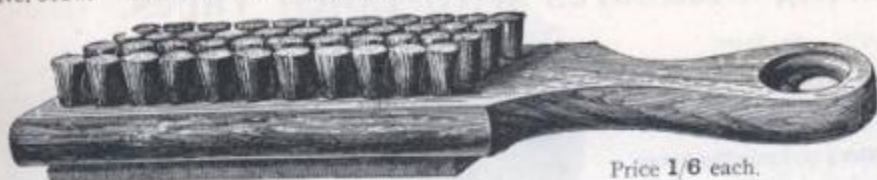
No. 811w.



	Size ...	4	5	6	8	9	10	12	14 in.
No. 810w.—Half-round Wood Rasps ...		-3/3	-3/3	-4/4	-5/5	-6/6	-7/7	-11/11	1/2 each.
No. 811w.—Cabinet ...		-4/4	-4½/4½	-5/5	-7/7	-8/8	-9/9	1/1	1/5 "
File Handles, -9 per doz.									

Tool, Machine and Hardware Merchants and Manufacturers.

No. 812w. Combined File Brush and Cording Wire at Back.



Price 1/6 each.

No. 813w.

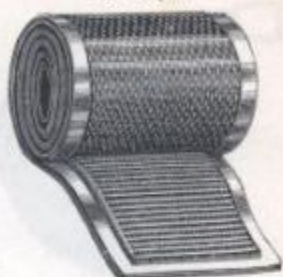
File Card.



Price -/9 each.

File Card in Rolls.

No. 814w.



In lengths of about 3 ft. by 2 in. wide.

Canvas Back, 1/6 per length.
Leather Back, 2/3 per length.

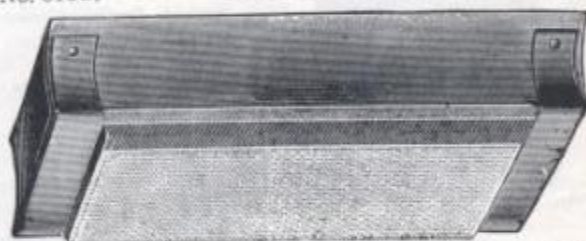
No. 815w. File Cleaners or Wire Brushes.



2 in. wide. -/3 each; 2/9 per doz.

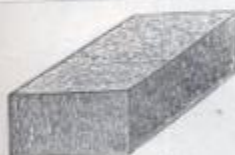
No. 816w.

File Card.



Mounted on Wood Block. Very Effective. Size 5 x 2 1/4 in.
Price -/10 each. (Cheaper pattern, 3 1/2 x 2 1/4 in., -/5 each.)

There are two ways of meeting Competition:—One is to Cheapen Quality and cut prices; the other is to make and supply Articles of Better Quality than those obtainable elsewhere. The latter is our method, and Superior Quality is THE argument for MELHUISH'S TOOLS. It will be to your advantage to pay for Quality.



No. 817w. -/4 ea.



No. 818w. -/5 ea.



No. 819w. -/6 ea.

Compressed Joiners' Rubbers.

Each of the three shapes measures
4 1/2 in. x 2 1/2 in. x 1 1/2 in. deep.

No. 820w.
Triangular Holder.



With Clips for Glass Paper or Emery Cloth. Price -/8 each.

No. 821w.

Best Cast Steel Reaper Files.

Price 6/6 per doz.



No. 822w.

New Chrome Steel Double-End Taper Saw Files.

Of extreme Hardness and Durability. Full Weight and Sand-Blast Sharpened.



One of these 8-in. Double-End Files is the Equivalent of two 4-in. ordinary Taper Files.

Prices: 7 in., -/5 8 in., -/5 1/2 9 in., -/6 10 in., -/6 1/2 each, with Handle.

Special Slit Handles to suit these Files, larger than are usually supplied, to give better grip, assorted sizes, -/10 per doz.

FOR OTHER FILES, SEE PAGE 104.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

Pocket Spring Measures with Linen Tapes.



No. 823w.
With Round Edge, Nickel-plated Cases, Spring Wind, Centre Stop.
With $\frac{1}{2}$ in. Enamelled Linen Tapes.
Length. Price.
36 in., marked in. and 8ths. 9/- ea.
60 " " " " " 1/- "
72 " " " " " 1/3 "



No. 824w.
With Spring Stop and fitted with best Linen Tape marked Inches one side and Metric the other.
 $\frac{1}{2}$ in. wide. $\frac{1}{4}$ in. wide.
3 4 5 6 9 12 18 ft.
Brass Case, Spring Stop... 1/8 1/10 2/- 2/2 3/- 3/6 6/- ea.
German Silver Case, Spring Stop ... 2/2 2/4 2/8 3/- 4/- 5/- 7/6 "



Wind-up Measure.
No. 825w.
With $\frac{1}{2}$ in. Patent Metallic Linen Tape, marked English Measure one side and Metric the other.
In Leather Case with Brass Folding Handle.

	10	15	20	25	30 metres.
	25	33	40	50	66 75 100 feet.
Price ...	3/3	3/9	4/3	5/-	6/- 6/9 7/6 8/6 each.



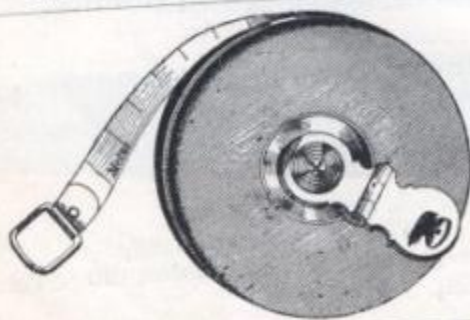
Wind-up Measure.
No. 826w.
With $\frac{1}{2}$ in. Best Woven Linen Tape, with Metallic Warp, marked Feet and 12ths, Links on back.
In Hard Leather Case, Brass Folding Handle, and Brass Mounts.
Length 25 feet, Price 4/- each.
" 33 " " 4/3 "
" 50 " " 5/6 "
" 75 " " 7/6 "



Wind-up Measures.
No. 827w.
With $\frac{1}{2}$ in. Patent Metallic Linen Tapes, marked English Measure one side and Metric the other.
In Leather Cases.
Length ... 10 15 20 25 30 metres.
" ... 25 33 40 50 75 100 feet.
Price ... 4/6 5/3 6/6 8/3 10/6 each.
No. 828w.
With Flush Handle.
Price ... 5/- 5/9 7/- 9/- 11/6 each.



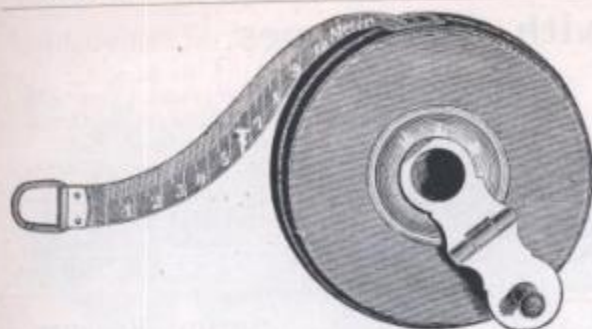
No. 829w.
In Leather Case, with Flush Handle, Linen Tape $\frac{1}{2}$ in. wide, marked on one side only.
Length ... 10 15 20 25 30 metres.
" ... 25 33 40 50 75 feet.
Price ... 3/9 4/3 4/9 5/6 6/9 each.



Wind-up Measuring Tapes.
No. 830w.
With $\frac{1}{2}$ in. Metallic Linen Tape, in Strong Case with Flush Brass Handle.
In English and Metric.
One side Inches in 8ths, and other side Centimetres. The first Centimetre marked in Millimetres.
Length ... 25 33 66 100 feet.
Price ... 3/6 3/9 5/6 8/- each.

A large and varied Stock of Engineers' Tools and Motor Accessories.

Wind-Up Measures.



No. 831w. With $\frac{1}{4}$ in. Steel Tapes.

In Leather Case with Brass Mountings. In English and Metric.

One side Inches in 8ths, and other side Centimetres, the first Centimetre in Millimetres.

25	33	50	66	100 ft.
8/6	9/-	12/-	13/6	21/- each.

Wind-up Measures with Steel Tapes.

In Leather Cases with Folding Handles.

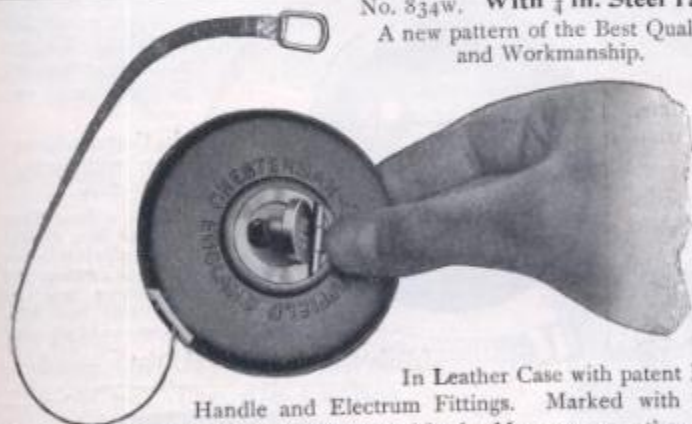
	25	33	50	66	75	100 ft.
No. 832w, with $\frac{3}{8}$ in. Tape marked One Side only with Feet, Inches, and 8ths ...	10/-	11/6	15/-	19/-	21/-	— each.
No. 832 $\frac{1}{2}$ w, marked as above, and with Links, etc., on other side ...	11/-	13/-	17/6	22/-	25/-	31/- "
No. 833w, with $\frac{1}{2}$ in. Tape marked One Side only with Feet, Inches, and 8ths ...	11/6	13/6	19/-	25/-	26/-	34/6 "

Either of the above can be supplied to order with Metric instead of English Measure at same prices.



No. 834w. With $\frac{1}{4}$ in. Steel Tape.

A new pattern of the Best Quality and Workmanship.



In Leather Case with patent Flush Handle and Electrum Fittings. Marked with Feet, Inches, and 16ths on one side and Metric Measure on other.

	25	33	40	50	66	100 ft.
Price ...	10/6	12/6	14/-	17/-	22/-	each.

The particular advantages of this over other patterns are:

- (1) Its lightness, the 50 ft. weighs only 6 $\frac{1}{4}$ oz.
- (2) Its compactness, the 50 ft. is only 2 $\frac{1}{8}$ in. diam., and can easily be carried in the vest pocket.

No. 835w. With $\frac{3}{8}$ in. Steel Tape.

Marked One Side only with Feet, Inches, 8ths.



In Hard Leather Case with Flush Handle and Nickel-plated Mounts.

Tape	25	50	75	100 ft.
Case	2 $\frac{1}{8}$	3 $\frac{1}{8}$	4 $\frac{1}{8}$	4 $\frac{1}{8}$ in. diam.
Price	9/-	10/3	13/6	17/6 each.

Land Chains and Arrows.

The 2 and 4 pole Chains are divided into Links and tallied at every 10 Links. 50 and 100 ft. ... Ft. ... 10 ft.

No. 836w. Of 8 G. Best Iron Wire with 2 Oval Rings, Brass Swivel Handles and Tallies. 2 poles, 4/6 ... 4 poles, 6/9 ... 50 ft., 5/- ... 100 ft., 7/6 each.

Set of Ten 8 G. Steel Arrows 15 in. long ... 1/4

No. 837w. Of 10 G. Best Cast Steel Wire, Hardened, Tempered, and Black Enamelled, with 3 Oval Rings, Brass Swivel Handles and Tallies. 2 poles, 7/6 ... 4 poles, 13/9 ... 50 ft., 8/9 ... 100 ft., 16/6 each.

Set of Ten 10 G. Steel Arrows 15 in. long ... 1/2

No. 838w. Divided into fifth of Metres and tallied at every 2 Metres. Made of Hardened Steel Wire

	10	20	25	metres.
12 W. G. ...	6/6	12/-	15/-	each.



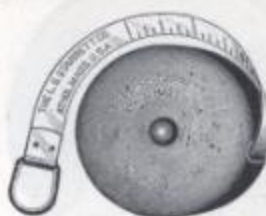
Contractors to the Home, Indian, and Colonial Governments.

Spring Measures with Steel Tapes.



No. 839w.

Nickel-plated Cases,
with Centre Stop.
 $\frac{1}{4}$ in. Tape, marked ins.
and $\frac{1}{16}$ in.
Length 36 inches, price 1/6
" 60 " " 1/9
" 72 " " 2/6
" 96 " " 2/9
If marked ENGLISH and
METRIC, -/3 each extra.



No. 840w.
Nickel-plated Cases, with
rounded edges and Centre
Stop.
 $\frac{1}{4}$ in. Tape, marked inches
and $\frac{1}{16}$ in. one side and
millimetres on the other.
36 60 72 96 in.
1/9 2/3 2/9 3/9 each.

Spring Measures with Steel Tapes and Spring Stops.



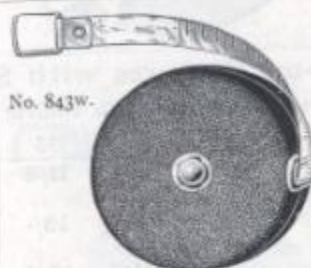
No. 841w.

$\frac{1}{4}$ in. Tape.
English and Metric Markings.
3 4 5 6 ft.
Brass Case ... 2/6 3/- 3/6 4/- each.
German Silver
Case ... 3/- 3/6 4/- 4/6 "
 $\frac{5}{16}$ in. Tape.
9 12 18 ft.
No. 841w. Brass Case ... 5/3 6/- 8/6 each.
No. 842w. German Silver Case ... 6/- 7/6 10/6 "



No. 844w.

With Flush Handle.
Hard Leather Case.
Nickel-plated trim-
mings.
Width of Tape, $\frac{1}{4}$ in.
Marked in. and $\frac{1}{16}$ in.
Length 25 feet, price 8/9
" 33 " " 9/6
" 50 " " 12/6
" 75 " " 14/-
" 100 " " 18/-



No. 843w.

Spring Measure.
With $\frac{1}{4}$ in. Steel Tape, 60 in.
long and Centre Stop.
In very best quality Leather
Case, Metal Lined and
Silver-plated Mounts.
Marked inches one side and
millimetres on other.
Price ... 4/3

Patent Spring Measure.



No. 845w.
For converting
Metrical Weights
and Measures into
English and *vice*
versa.
In German Silver
Case with Spring
Stop.
This is a Steel Tape
2 metres long, divided
on one side into inches
and $\frac{1}{16}$ in., metres and
millimetres, and on
other side into kilo-
grammes and pounds.
Price ... 5/-

Special Quality Steel Tape.

$\frac{1}{4}$ in. wide. N.P. Case.
Marked feet and inches in $\frac{1}{16}$ ths one side,
metres the other.

Length	12	18	25	33	70 feet.
Price	6/-	7/6	9/6	11/3	13/3

No. 846w.



Steel Tapes.

For ascertaining the Diameter and Circumference of circular objects, viz. the Diameter when the Circumference only can be measured, and the Circumference when only the Diameter can be measured.

No. 847w.
As a Spring Pocket Measure, in German Silver Case,
with Spring Stop.

6 ft.	9 ft.	12 ft.	18 ft.
4/6	6/-	7/3	10/- each.
(The 6 ft. is made $\frac{1}{4}$ in. wide, other lengths $\frac{5}{16}$ in. wide.)			

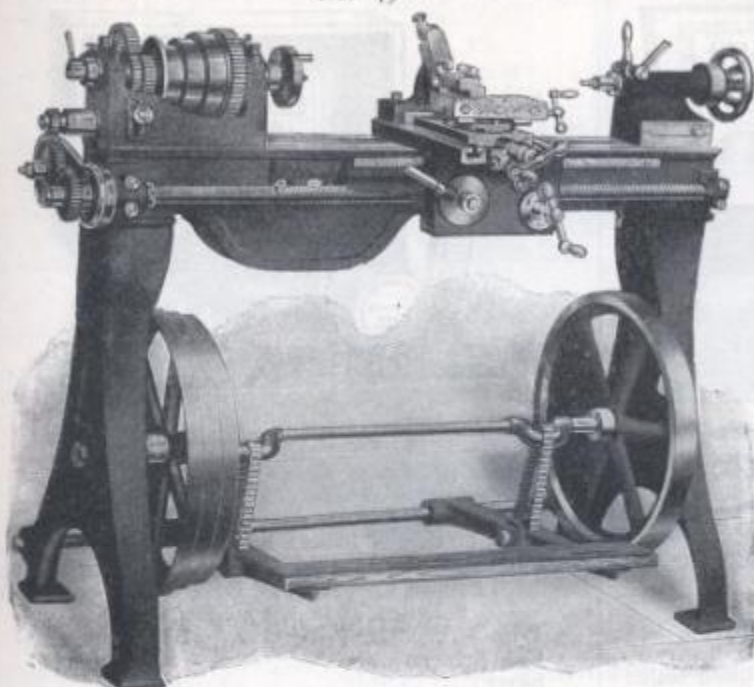
No. 848w.
As a Wind-up Measure, in Leather Case,
with Flush Handle.

25 ft.	33 ft.	40 ft.	50 ft.
12/9	15/-	17/6	21/- each.
(Tape $\frac{1}{4}$ in. wide.)			

Bronze Medal, 1884.—Gold Medal, 1890.

4½-in. Centre Strong Double-gear Self-acting Sliding and Screw-cutting Treadle Lathe.

No. 849w.



This Lathe is strongly built, accurately fitted, well finished, and has been designed to meet the requirements of General Engineers, Repair Shops for Motors, Motor Cars, etc., and can be supplied either as a treadle or power lathe.

Bed.—The Bed is of ample proportion, as this is an essential feature for rigidity and turning out accurate work, and the top is surfaced all over to a standard surface plate.

Headstock.—The Headstock is of strong design, fitted with steel spindle of large diameter, with ½ in. hole bored through for bar work, the spindle runs in parallel gun-metal bearings of good length, fitted with 3-speed cone of large diameters and ample width of belt, all gearing and reversing wheels cut from the solid, the reversing wheels are arranged inside of headstock and can be reversed for cutting right- or left-hand threads whilst the lathe is running.

Loose Headstock is of the set over type for taper work, having spindle of large diameter to support the cut.

Saddle is of strong design with good bearing surface on bed provided with planed T slots for bolting work to for boring purposes, and fitted with strong compound rest indexed for taper work.

Each Lathe is complete with 22 cut-change wheels, face and catch plates, following steady, index plate, spanners, etc.

Price as illustrated, £25 : 0 : 0

Extra if fitted with shaft in front for sliding and surfacing	£2 : 10 : 0
“ if with overhead motion, as well as treadle motion	2 : 0 : 0
“ if supplied with 127-change wheel for cutting metric threads	0 : 10 : 0
“ per foot longer bed	1 : 7 : 6
“ per 6 in. longer bed	0 : 13 : 9
If supplied as a power lathe without treadle, deduct	0 : 10 : 0

Dimension of Bed.			Gap.		Swing over Saddle.	Admits between Centres	Cone.			Gear Wheels.			Loading Screw.		Approximate Weight.
Length.	Width.	Depth.	Width.	Depth.			Speeds.	Diameter.	Width.	Diameter.	Pitch.	Width.	Diameter.	Pitch.	
ft.	in.		in.	in.	in.	in.		in.	in.		in.		in.	in.	
4	6½	5	6	4½	6	24	3	6	1½		6½	10	1	1½	½
															6 cwt.

For our most complete Catalogue of Engineering and Motor Tools, see No. 20.

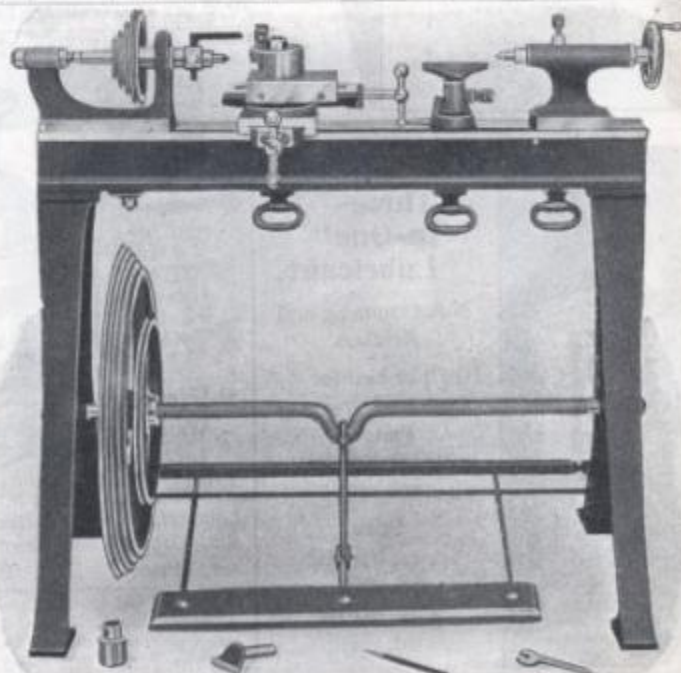
Best Quality London-made Plain Treadle Lathes.

No. 850w.

With V and Flat or Double Flat Bed, Spanner, Driver, Fork, and Drill Chucks, Gut Band, Hook and Eye, fitted complete.

Centre.	Bed.	Price.	Slide Rest.	Extra Foot of Bed.
3 in.	2 ft. 6 in.	£6 : 17 : 6	£3 : 5 : 0	12/6
3½ in.	3 ft.	8 : 2 : 6	4 : 7 : 0	13/6
4 in.	3 in.	8 : 12 : 6	4 : 10 : 0	14/6
4½ in.	3 in.	9 : 1 : 6	4 : 14 : 0	15/6
5 in.	3 ft. 6 in.	10 : 0 : 0	4 : 16 : 6	16/6
6 in.	4 ft.	11 : 17 : 6	5 : 15 : 0	17/6

All Carriage Forward.



Tool, Machine, and Hardware Merchants and Manufacturers.

The "Champion" Enamel Outfit.
No. 851w. Complete Requisites for Enamelling.



Containing seven canisters of Enamel of various colours, one bottle of Varnish, and one bottle of Spirit for cleaning Brush.

Price ... 3/6 per set.



No. 853w.

Vaseline Red

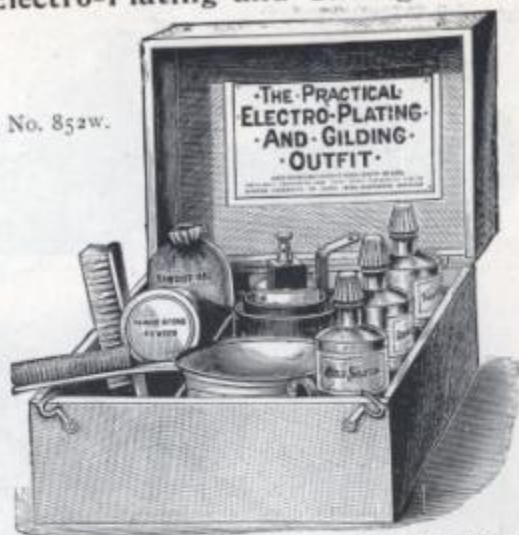
in hermetically sealed square tins.

5	10	25	50 lb.
3/-	5/6	12/-	19/6 per tin.

In half-barrels containing about 1½ cwt.,
39/6 per cwt. (carriage forward).

The "Practical" Electro-Plating and Gilding Outfit.

No. 852w.



Consisting of Bunsen Battery, Enamelled Depositing Cup, Scratch Brush, Washing-out Brush, Boxwood Sawdust, Powdered Pumice, Copper Wires, Gold, Silver, and Copper Solutions, all in neat polished case.

Price ...	25/- complete.
Gold Solution ...	5/- per bottle.
Silver " ...	3/6 "
Copper " ...	1/9 "

Vaseline Anti-Corrosive Paste.
The best Rust Preventative. No. 854w.
In 3 oz. ¼ lb. 1 lb. tins.
4d. 7d. 1/- per tin.



No. 855w.

"Three-in-One" Lubricant.

Non-Gumming and Acidless.

The best for Cleaning Working Parts of Model Engines, etc., etc.

Price.
1 oz. bottles, 5d. each.
3 oz. bottles, 9d. each.



No. 856w.

"Pioneer" Watch Oil.

Large size.

Price ... 9d.

Lacquer, in White, Black, Blue, Red, Green, Transparent, or Gold.

Price ... 8d.



No. 857w.

"Standard" Lacquer.

White.

For Coating Metals.



No. 858w.

"Stonoil" Oil.

Non-gumming and Acidless.



No. 859w.

"Pioneer" Clock Oil. Yellow Label, Conical Screw Cap.
Price, 6d. per bottle.

Orders of 20/- and upwards, Carriage Paid (with few exceptions).

Bench Oil Cans.

No. 86ow.

With
Tin
Bottom,
-/3
each.

Patent
Non-
leak,
-/6
each.



With

Brass

Bottom,

-/4

each.

Copperised

Improved

No. 86rw.

Diam. at
Base. each.
2 3/4 in. ... 1/-
3 1/2 " ... 1/3



Steel Oilers.

Spring Bottoms.

Diam. at
Base. each.
3 1/2 in. ... 1/7
4 1/2 " ... 2/3

Bench Oil Cans.

No. 86zw.

With Brass Bottom and Extra Wide
Mouth.

-/6 and



-/8 each.

Best Quality Spring Oil Feeders. Screw Tops. Strong Chains.



No. 863w.

Capacity.	Tin Spouts.
1/2 pint ...	1/4 each.
1 pint ...	1/9 "
1 1/2 pints ...	2/1 "
2 pints ...	2/3 "
2 1/2 pints ...	2/8 "

Made entirely of Strong Brass or Copper, for use with Electrical Machinery:

Price ... 1/2 pint, 3/9; 1 pint, 4/6; 1 1/2 pint, 5/6; 2 pints, 6/6; 2 1/2 pints, 7/- each.

Improved Seamless Steel Oil Cans.

The body is formed out of one steel sheet, impossible to leak. Valves are solid-headed steel, turned to fit seats which are made of brass; steel springs are fitted on valves without solder, so that they cannot get out of order. This is the best value in the world.

No. 865w.



No. 864w.

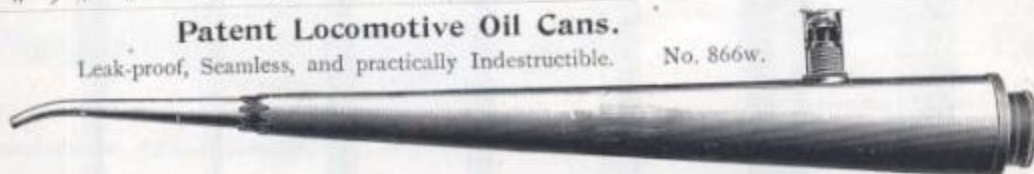


No.	Prices, each.	Fixed Copper Spouts.	Fixed Tin Spouts.	Interchangeable Loose Spouts (Tin).	Extra Spouts.
A.	1/2 pint, 6 in. spouts ...	1/5	1/3	1/7	-/2 1/2 each.
B.	" 7 " " ...	1/8	1/6	1/10	-/3 1/2 "
C.	" 8 " " ...	1/11	1/9	2/2	-/3 1/2 "
D.	" 9 " " ...	2/4	2/2	2/7	-/4 1/2 "

Patent Locomotive Oil Cans.

Leak-proof, Seamless, and practically Indestructible.

No. 866w.



Length ...	15	18	24	30	36 in.
Prices in Steel ...	3/-	3/3	3/6	3/10	5/- each.
" " Copper or Brass ...	10/6	11/6	12/6	16/6	21/- "

With Interchangeable Spouts at same prices. If made to squirt the Oil, 1/6 each extra.

NOTE.—For a larger selection of the above and other designs of Oil Cans and Lubricators, please refer to our Catalogues of Metal Workers' Tools and Machines. Copies of these or loose sheets will be posted on application.

A large and varied Stock of Engineers' Tools and Motor Accessories.

No. 867w.

Tool Holder



and Tools.

These Tool Handles are made of Cocobola, highly polished, and of beautiful appearance. The ferrule and jaws are heavily nickel-plated.

The Steel Jaws will hold perfectly, not only the tools contained in the hollow handle, but other things, from a needle to a mill file. It answers the purpose of a small hand vice.

The tools are made from steel of the highest grade, tempered by men of great experience, honed to a fine cutting edge, and are all highly finished. They are made for service and will give satisfaction. The jaws in the handle shut over the shoulders of the tools (as seen in the cuts), so as to make it impossible to pull them out when in use. The tools are about the sizes shown in the engravings.



Tool Pad, 6 in. long, with 20 Tools, as illustrated. Price 4/- each.

No. 868w. Polished Cocobola Tool Pad, as above, but 7½ in. long, and fitted with 10 full size, superior finish, straw-colour tempered tools, as illustrated. Price 4/9 each.

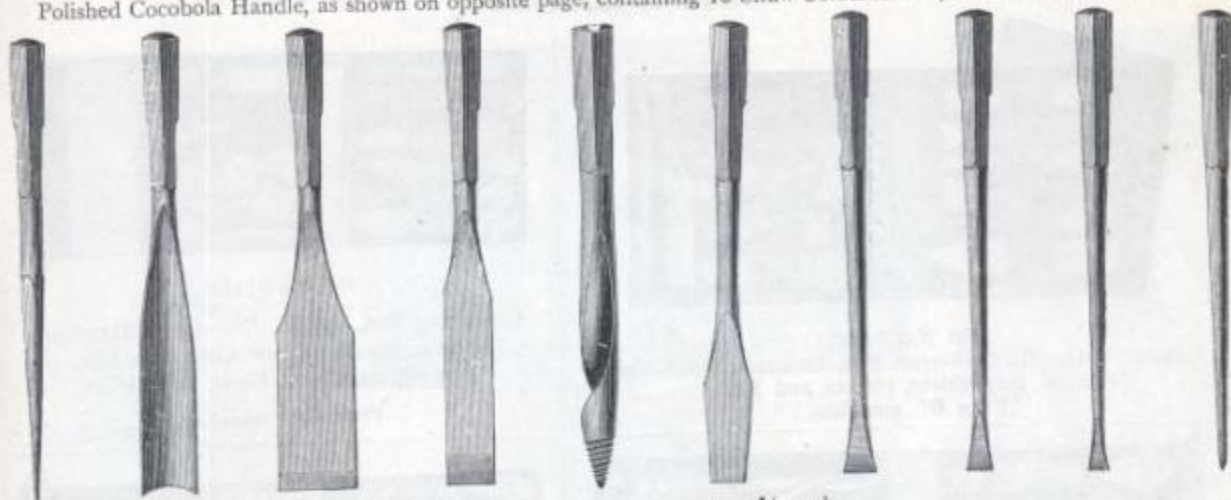


Contractors to the Home, Indian, and Colonial Governments.

Tool Holders—Continued.

No. 869w.

Polished Cocobola Handle, as shown on opposite page, containing 10 Straw-Coloured Bits, size as illustrated below.



Price ... 4/- each.

Box Handled Tool Pad.

No. 870w.

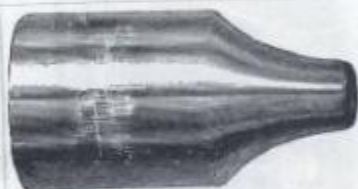


With 10 Tools, as illustrated. Price 2/-

Patent Combination Tool Pad.

No. 871w.

Complete with 12 Tools.
Price 3/3 each.



Larger size, with 8 Tools, 4/3 each.



Turret-Head Tool Set with Adjustable Chuck.

No. 872w.

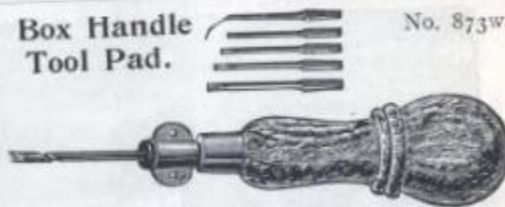


A handy Pocket Tool Set of First-Class Quality. The Movable Turret arrangement in the head is a very useful addition, and enables one to select at once the tool required.

Price with Assorted Tools, 2/9 each.

Box Handle Tool Pad.

No. 873w.



Just the Tool for Motorists.

Complete with 15 Sheffield-made tools, fully warranted.

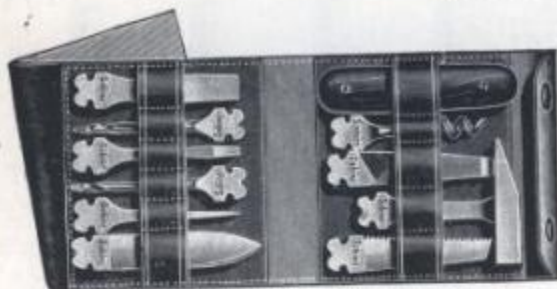
Length 7 in. Price 3/-
Wonderful value.

Bronze Medal, 1884. Gold Medal, 1890.

Sets of Tools in Folding Leather Cases Fitting One Handle.

For Household and other Purposes.

WARRANTED FIRST QUALITY.



Set No. 874w.

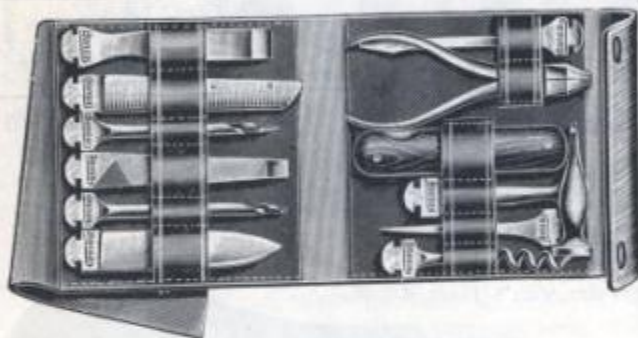
Containing Handle, Corkscrew, File, Hammer, Saw, Chisel, Gimlets, Screwdriver, Piercer, and Blade.
Price 6/- complete.



Set No. 874 1/2 w.

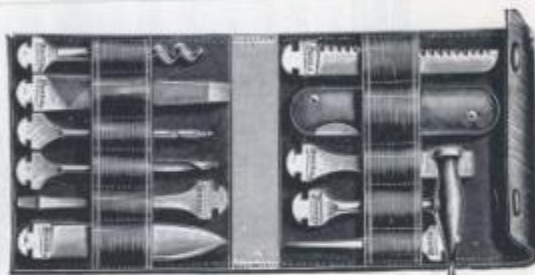
Containing Saw, Handle, Box-opener, Hammer, Piercer, Sheath for Saw, Corkscrew, File, Screwdriver, Chisel, Blade, and Gimlet.

Price 9/9 complete.



Set No. 875w.

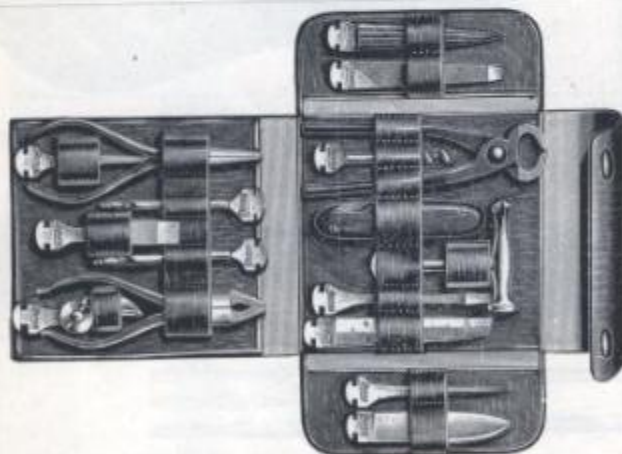
Containing Screwdriver, Pliers, Handle, Hammer, Piercer, Corkscrew, Chisel, Saw with Sheath, Gimlets, File, and Blade.
Price 11/9 complete.



Set No. 876w.

Containing Saw, Handle, Chisel, Hammer, Piercer, Corkscrew, File with Screwdriver end, Gimlets, Screwdriver, and Blade.

Price 9/6 complete.



Set No. 877w.

Containing Files, Pincers, Corkscrew, Handle, Hammer, Screwdriver, Saw with Sheath, Piercer, Blade, Pliers, Gimlets, Chisel, Box-opener, and Cutting Pliers.
Price 20/3 complete.



Set No. 878w.

Containing Saw, Handle, Blade, File with Screwdriver End, Chisel, Screwdriver, Piercer, Gimlet, and Corkscrew.

Price 8/6 complete.

MELHUISE, Ltd., have a separate department with a large and well-assorted stock of Builders' Ironmongery and Cabinet Brass Foundry, also for Electrical Goods, Bells, Lighting, etc. We carry a large and well-assorted stock, so can forward your esteemed orders at once—no delay. Established 1828.

Tool, Machine, and Hardware Merchants and Manufacturers.

Tool Sets.

With Warranted Cast Steel Tools and Nickel-plated Handle. Cases of Real Russian Leather.

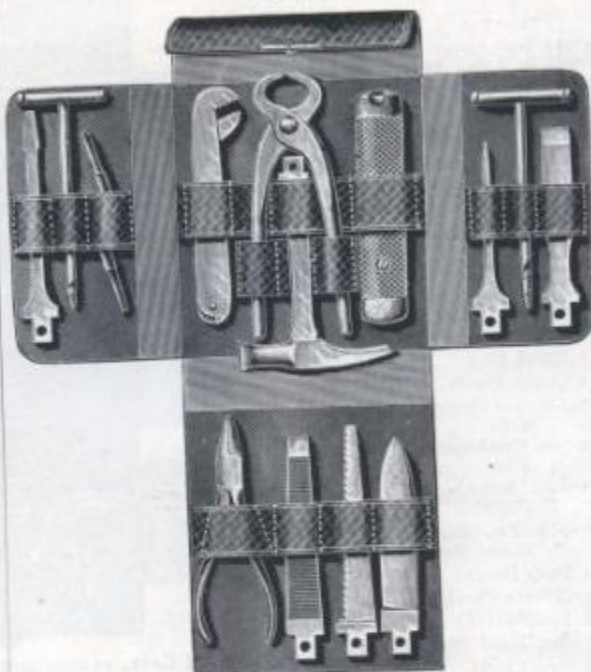
No. 879w.



Household Tool Set, containing the handle, knife, saw, chisel, corkscrew, file with screwdriver, smaller screwdriver, reamer, and two gimlets.

Price ... 10/6

No. 880w.



The Favourite Set.

This Case has the same Tools as No. 881w., but instead of a separate hammer and pincers as shown, a combination hammer is supplied.

Price ... 16/-

No. 881w.



Electrician's Tool Set, containing the handle, knife, saw, chisel, file with screwdriver, smaller screwdriver, screw and tube wrench, pliers, reamer, two gimlets, and turning pin.

Price ... 12/6



Leather Rolls of Tools.

No. 882w.

With Black Leather Case.

f 7	10	12	16	17	20	tools.
8/-	10/6	13/6	16/6	19/6	25/-	each.

No. 883w.

Solid Limp Leather Case.

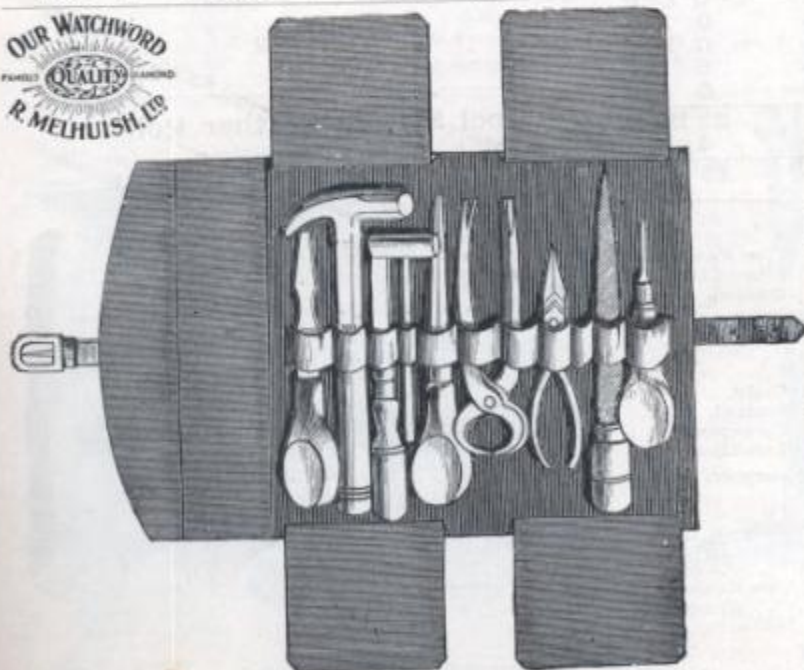
7	10	12	16	17	tools.
10/6	13/-	16/6	19/6	25/-	each.

No. 884w.

Solid Stiff Leather Case.

With Special Tools and Rosewood Handles.

7	10	12	16	18	20	tools.
18/-	24/-	30/-	38/6	43/6	51/6	each.



Orders of 20/- and upwards Carriage Paid (with few exceptions).



Tool Sets in Leather Rolls.

No. 885w.

This Roll is made of the very best tanned leather, and will be found extremely easy for folding up. It comprises the most useful set of extra quality fine tools, and will stand a lot of very hard wear.

Our Patent Straps are made so as to allow of any Tools that may be placed in them fitting easily.

CONTENTS.

	£	s.	d.
1 Hand Drill ...	0	6	0
1 2-ft. Steel Rule ...	0	1	6
1 Small Screwdriver ...	0	1	0
1 Punch Plier ...	0	4	6
1 Centre Punch ...	0	0	11
1 5-in. Gas Cutting Plier ...	0	2	3
1 7-in. Combination Plier ...	0	3	0
1 6-in. Adjusting Gas Plier ...	0	4	6
1 5-in. Par. Plier, Round Nose ...	0	2	0
1 Strap Punch ...	0	0	6
1 Clyburn Spanner ...	0	4	0
1 Tool Pad ...	0	6	0
1 Par. Hand Vice ...	0	6	6
1 Steel Chisel ...	0	0	10
1 Pair Scissors ...	0	2	0
1 Large Screwdriver ...	0	2	0
2 Handled Files ...	0	1	4
2 Chisels ...	0	1	6
1 Gouge ...	0	0	8
1 Hammer ...	0	1	6
1 Hack-saw Frame ...	0	3	6
1 Bit Handle ...	0	1	0
6 Bits in Box ...	0	1	6
Tools ...	£2	18	6
Roll ...	1	1	0
Complete ...	£3	19	6

No. 1 Set contains 9 Tools.

Bright Pincers.	File.	Claw Hammer.
" Cold Chisel.	Gimlet.	Firmer Chisel.
" Cutting Pliers.	Turnscrew.	Bradawl.
Price ...	15/6	complete.

No. 2 Set contains 12 Tools.

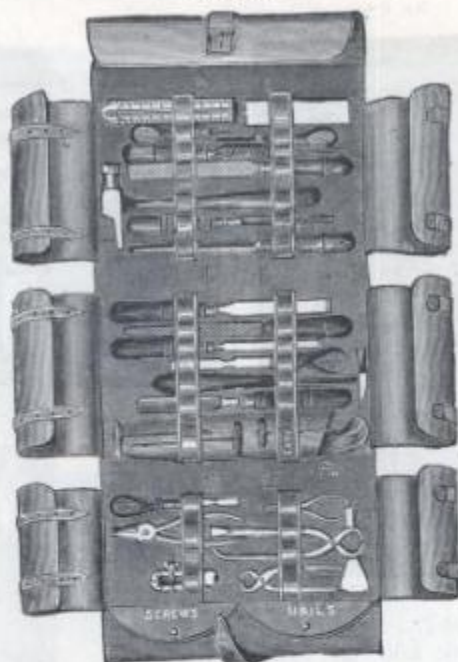
Bright Cold Chisel.	Claw Hammer.	Gimlet.
" Cutting Pliers.	Handled File.	Bradawl.
" Pincers.	Firmer Chisel.	Turnscrew.
Flat-nose Pliers.	" Gouge.	Tack Claw.
Price ...	21/9	complete.

No. 3 Set contains 15 Tools.

Bright Cold Chisel.	Hand Vice.	Firmer Gouge.
" Cutting Pliers.	Flat File.	" Chisel.
" Pincers.	Turnscrew.	Claw Hammer.
1-ft. Ivory Rule.	Bradawl.	Wrench.
Half-round File.	Gimlet.	Folding Saw.
Price ...	28/6	complete.

Superior Leather Tool Cases.

No. 886w.

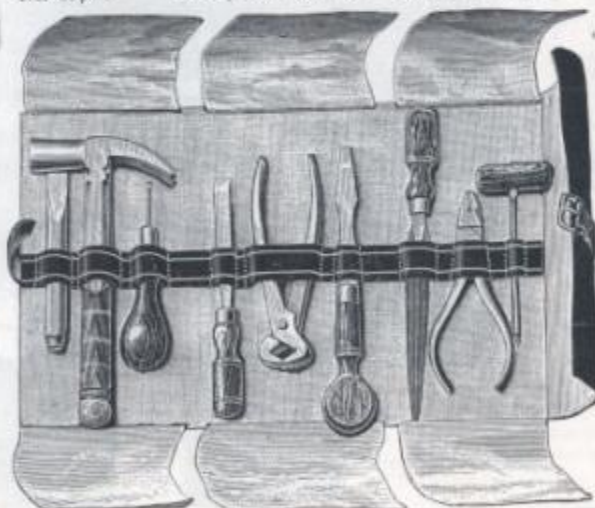


Three-fold Case, as illustrated, containing the following:—

2 Gouges.	2 Bradawls.
2 Firmer Chisels.	1 Hand Vice.
3 Files.	1 Pair of Cutting Pliers.
1 Rasp.	3 Twist Gimlets.
1 Oil Stone.	1 Saw.
1 Screwdrivers.	1 Pair Tower Pincers.
2 Hammers.	1 Combination Pincers.
1 2-ft. Four-fold Rule.	1 Pair Round-nosed Pliers.
Price complete ...	45/- each.

Tool Sets in Leather Rolls.

No. 887w. Of Superfine Quality. Rosewood Handles.



A large and varied Stock of Engineers' Tools and Motor Accessories.

Trammel Heads.

No. 888w.

In Bronze with Steel Points, on either of which a pencil socket, which accompanies each pair, can be firmly clamped up to the main stock. The pencil will thus be secured at a point nearer the work than is possible by any other method.



Prices:

No. 1 3/6, No. 2 4/6, No. 3 6/- pair.

No. 889w.

Brass, with hardened Steel Points, and supplied with special attachment for holding an ordinary lead pencil. Will take a bar 1/2 in. deep x 1/2 in. wide, and so constructed that the strain during the operation of striking circles is on the *width* of the bar.

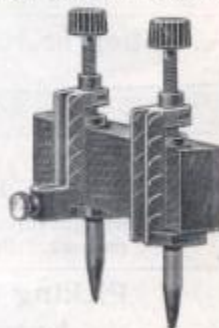


Of Best Quality and Finish.

Price ... 3/3 pair.

No. 890w.

These are so constructed that they can be attached to one side of any straight stick without exact regard to its size, and are thus quickly adjusted for use. The peculiar form of the socket makes it possible to use an ordinary sized pencil or a full-sized oval-shaped carpenter's pencil.



Price—Nickel-plated with steel points, 2/6 pair.



Best English-made Brass Trammel Heads, Steel Points and Pencil Socket.

No. 891w.

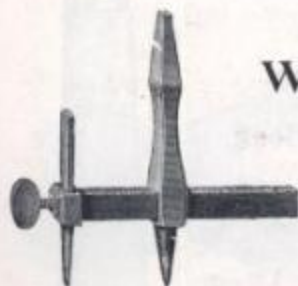
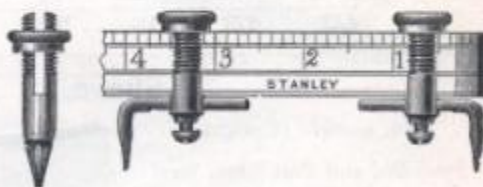
Size	9/16 in. by 1/4 in.	...	...	...	...	...	...	...	...	Price 2/- per pair.
1 1/8	1 1/8	...	...	...	...	...	...	...	...	2/4
1 1/4	1 1/4	...	...	...	...	...	...	...	...	3/-
1 1/2	1 1/2	...	...	...	...	...	...	...	...	3/6
1 3/4	1 3/4	...	...	...	...	...	...	...	...	4/9

No. 892w.

Adapted for convenient use on a Carpenter's Rule. Can be attached to Folding Rules of any ordinary width, and on many kinds of work.

A complete set consists of two Brass Trammel Heads, with movable Steel Points, and one Head with a Pencil Socket.

Price 2/- the set.



Adjustable Washer Cutter.

No. 893w.

Single pattern (as illustration)	...	2/10
Double pattern	...	3/9
Wood handles extra	...	-/6



Price ... 4/- each.

Extra Blades, 1/- per set.

Washer Cutter.

No. 894w.

A strong useful device for cutting washers 1 in. to 5 1/2 ins., provided with removable blades, adjustable as to length of cutting edge as well as position. Blades can easily be removed for sharpening or replaced when worn out.

Contractors to the Home, Indian, and Colonial Governments.

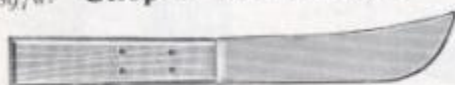
Basket Makers' Tools.

No. 895w. Shop or Hand Knife.



4 1/2 5 5 1/2 6 in.
-/9 -/10 1/- 1/2 each.

No. 897w. Shop or Hand Knife.



4 1/2 5 5 1/2 6 in.
-/7 -/8 -/10 1/- each.
6 1/2 in. with Steel right through Handle 1/2 in. thick
on back. Price 2/3.

Picking Knife.

No. 900w.



Price 7 each.

Shears.



10 11 12 13 14 in.
4/3 4/3 5/- 5/3 6/6 each.

Shave.

No. 902w. (Upright.)

Steel Bed and Best Razor-Steel
Blade, ground thin.

Price 6/6



Shave.

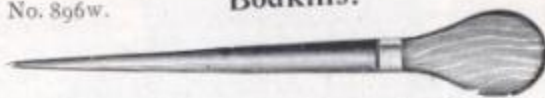
No. 903w.

Steel Bed and Best Razor Steel Blade,
ground thin.

Price 5/-



No. 896w. Bodkins.



Blade ... 4 5 6 7 8 9 10 in.
Solid -/8 -/10 1/- 1/1 1/4 1/7 1/9 ea.
Hollow or Straight 1/- 1/1 1/3 1/5 1/8 2/- 2/6 "

No. 898w. Cleavers.

Boxwood -/10 each.
Horn 1/9 "



Mauls and Commanders Combined.

No. 899w.



Prices 2/3 to 3/3 each.

No.
901w.

No. 904w.

Willow
Knives.

As Illustrated.

9 1/2 in. blade.

3/6 each.

10 in. blade.

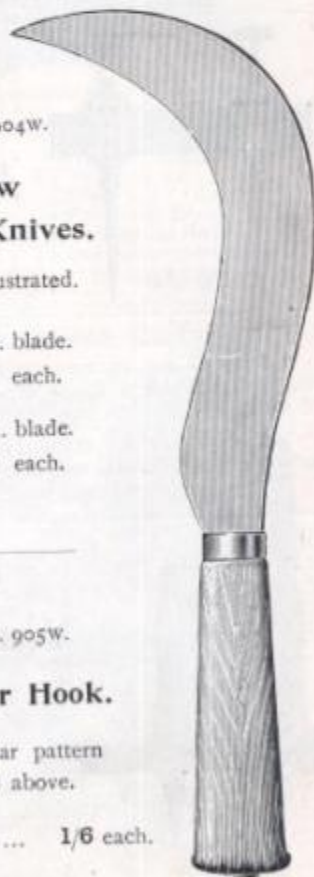
4/3 each.

No. 905w.

Osier Hook.

Similar pattern
to above.

Price 1/6 each.



Bronze Medal, 1884.—Gold Medal, 1890.

This uses a single strip of 25 Staples. These are automatically cut off and fed forward accurately and without failure. A single blow will suffice to drive Staple through 1 to 25 sheets, and feed forward to next Staple.



Hotchkiss Stapling Press.

No. 906w.

Price ... 5/-

Staples to suit, 1/- per box of 500.

Hotchkiss Stapling Press.

No. 907w.

Extra strong, and of double the capacity of No. 906w.



Price 12/6.

Staples to suit, 3/6 per box of 1,000.

The Hotchkiss Automatic Tag Machine.

No. 908w.

For putting labels or cards on boxes, casks, etc., and easily drives a staple or double tack into the hardest wood, or through tin. Price 7/- Staples, 2/- per box of 1,000.



Clipless Paper Fastener.

No. 909w.

Securely fastens 2 to 10 sheets of paper without the use of pins or fastenings of any kind. The paper itself forms the fastening.

Price 13/6 each.

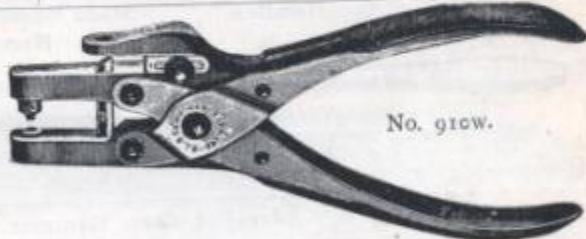


Combined Eyelet Punch and Closer.

No. 910w.

A very useful tool nicely nickel-plated.

Length 6½ in. ... Price 5/6



No. 910w.

Eyelets.

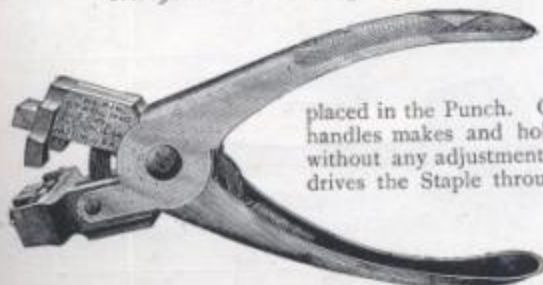
To use with Punch. In tin boxes of 250 Eyelets.



No. 911w.	1	2	3
Price per dozen boxes	6/-	7/-	9/-

Pin Stapling Tool.

No. 912w. For binding Papers, Documents, etc.

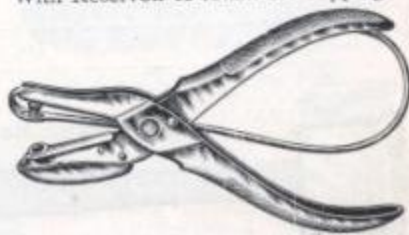


Of best tempered steel, nickel-plated. An ordinary pin is simply placed in the Punch. One pressure of the handles makes and holds the Staple, and without any adjustment a second pressure drives the Staple through the papers and clinches it.

Price 7/6 each.

Card Punch. No. 913w.

With Reservoir to retain the clippings.



Made in 6 Designs—Heart, Diamond, Fan, Ellipse, Crescent, and Round. Price ... 1/6 each.

Wood Handles, etc.



No. 914w. Felling Axe Handles.
Ash, 36 in.
Price -/9 each.

No. 915w.
American Pattern. Hickory.
Price 1/- each.



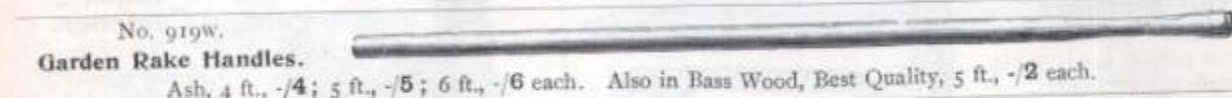
No. 916w.
Pick Handles.
Hickory, 36 in., -/8 each.



No. 917w.
Sledge Hammer Handles.
Ash or Hickory, -/6 each.

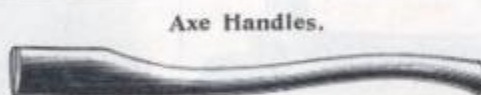


No. 918w.
Adze Handles.
Ash, Hand-made, -/9 each.



No. 919w.
Garden Rake Handles.
Ash, 4 ft., -/4; 5 ft., -/5; 6 ft., -/6 each. Also in Bass Wood, Best Quality, 5 ft., -/2 each.

Hatchet Handles.
No. 920w. Straight Ash.
Length 12 14 16 18 in.
Price -/3 -/3 -/4 -/5 each.



Axe Handles.

No. 921w. **Axe Handles.**
Axe ... 18 20 22 in.
In Ash ... -/4 -/5 -/6 each.
In Hickory -/6 -/7 -/8 ..

Joiners' Hammer Handles.
No. 922w.
10 12 14 16 in.
Ash ... -/2 -/2 -/2½ -/3 each.
Hickory -/2½ -/2½ -/3 -/3½ ..



Stone Masons' Hammer Handles.
No. 923w.
Ash, 9 in. ... -/2 each.



Engineers' Hammer Handles.
No. 924w.
12 14 16 18 in.
Ash ... -/2 -/2½ -/3 -/3½ each.
Hickory ... -/2½ -/3 -/3½ -/4 ..

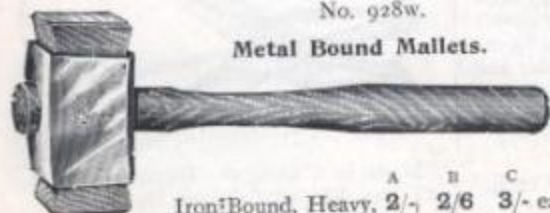


No. 925w. **Adze-Eye Claw Hammer Handles.** Hickory, 13 in. long, -/3 each.

No. 926w.
Boxwood Chucks.
For turning up to size of work as required.
Size ... 1½ 2 2½ 3 3½ 4 in.
Price ... -/3 -/4 -/5 -/9 1/- 1/3 each.



No. 927w. **Bow Saw Handles.**
10 to 14 in. 16 in.
Round Beech ... 1/- 1/3 per pair.
" Boxwood ... 1/3 1/6 "
Octagon " ... 1/6 1/9 "



No. 928w.
Metal Bound Mallets.
A B C
Iron Bound, Heavy, 2/7 2/6 3/- each.



No. 929w.
Joiners' Mallets.
Best Quality Hard Red Beech.
Handles Mortised Square from Top.
4 4½ 5 5½ 6 7 in.
-/10 1/- 1/2 1/4 1/6 2/- each.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

Wood Handles, etc.

Best Round Ash, Brass Ferrules.

No. 930w.



Price 1/6 doz., -/2 each.

Round Ash, Two Malleable Ferrules.

No. 933w.



Price 3/- per doz., -/4 each.

Screw Driver Handles, London Pattern.

No. 936w.



Ferrules ...	1/2	3/8	1/2	5/8	1 in.
Polished Beech ...	-/4	-/4 1/2	-/5 1/2	-/7	-/8 ea.
Oval Boxwood	-/6	-/8	-/10	1/1	1/3 "

Carver's Pattern, Polished Beech, etc. No. 931w.



Beech ... Price 1/6 per doz., -/2 each.
Boxwood " 2/6 " -/3 "

Socket Chisel Handles, Iron Hooped, Polished.

No. 934w.



Price 3/6 per doz., -/4 1/2 each.

Octagon Boxwood.

No. 932w.



Price 3/6 per doz., -/4 each.

Mortise Chisel Handles. No. 935w.



Price 4/6 per doz., -/5 each.

Screw Driver Handles, Boxwood.

No. 937w.



For	3	4	5	6 in. Screw Drivers.
Price	-/3	-/3	-/4	-/4 1/2 each.
For	7	8	9 in. Screw Drivers.	
Price	-/5 1/2	-/8	-/10	each.

No. 938w. Bradawl Handles.



Beech 1/-, Box 1/9 per doz.

No. 939w. File Handles.



Iron Ferrules, -/9 per doz.,
8/6 per gross.
Brass Ferrules, -/10 per doz.,
9/6 per gross.

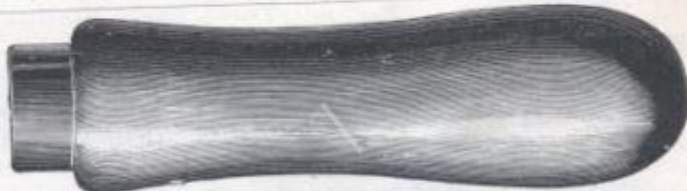
"Everlasting" Pulp Composition Handles.

No. 940w.

Will not split however tightly the File may be driven in. Cleanly in use and proof against shrinkage.

Small, Medium, Large.

"Everlasting" Handles 1/- 1/6 2/- per doz.



No. 941w. Universal File Handle.

In Japanned Iron with Clamp to adjust it to various sizes of File Fangs. Price -/6 each.



Lock-Jaw File Handle.

No. 942w.



Will neither split nor rust.
Price 2/- per doz., -/2 1/2 each.

File Handles. Smallest Sizes about 1/4 in. diameter. Largest Sizes about 1 in. diameter.



No. 943w.

Yew Wood. Ebony.

Small ...	-/7	2/- per doz.
Medium ...	-/8	2/6 "
Large ...	1/-	3/- "

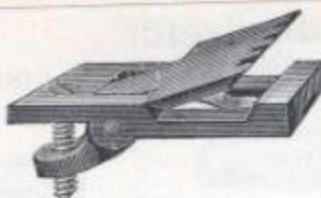
A large and varied Stock of Engineers' Tools and Motor Accessories.

Carpenters' Bench Stop.

No. 944W.

With Screw Adjustment.

Price ... 1/11 each.



No. 945W.

Solid Bench Stop.

With Springs.

Price ... 1/9 each.

Spring Bench Stop.

No. 947W.

The Stop is raised or lowered by turning the slit head screw, and remains in any position required by the action of the spring.

Price ... 1/11 each.

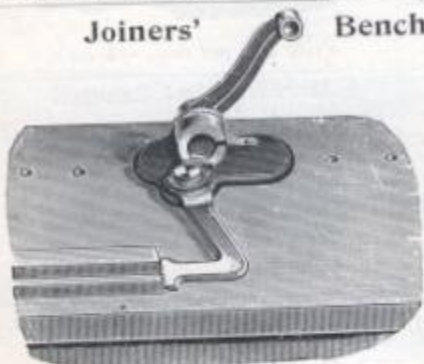


Joiners' Bench Knife Stop.

No. 946W.

It will securely hold, and can be instantly adapted to any piece of work of whatever size.

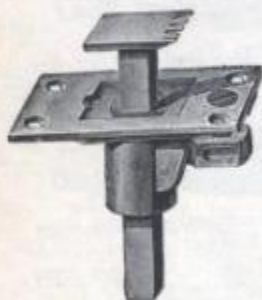
Price 2/3 each.



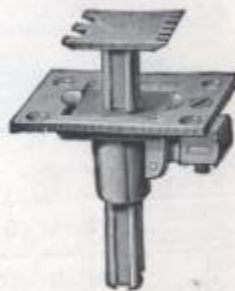
Improved Bench Stops.

The higher priced Stop is very greatly improved. Thus: It is grooved lengthwise at four equal spaces. The body is large in proportion. The cam works in the grooves and holds the spindle firmly in position. The working plate is and has two sets of teeth, one coarse and the other fine; the two other sides are smooth. The clamping screw only requires one half-turn to operate the cam lever. The end that the screw is in should always be towards the workman. The spindle and working plate is of wrought steel.

Morrill's No. 948W, 2/- No. 949W, as described above, 3/-
" Pattern, English Manufacture, 1/9 each.

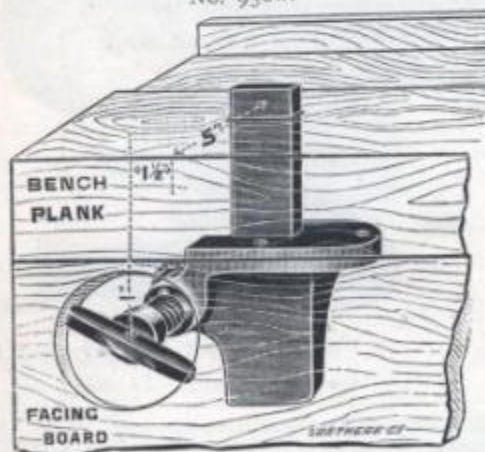


No. 948W.



No. 949W.

No. 950W.



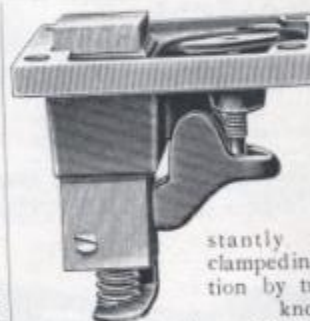
"Gripper" Bench Stop.

Operated from the front, and has no metal work on the top surface of the Bench; is firm, easily fixed, and quickly adjusted.

The Stop is of hard wood, easily renewable, and is moved up and down by turning the wing knob shown through the hole in the facing-board of the Bench.

The method of fitting is indicated by the dimensions figured on the illustration.

Price ... 2/3 each.



"Ajax" Bench Stop.

No. 951W.

Operated from top of bench, and made with toothed Iron or Wood Stop.

It may be instantly released and clamped in any desired position by turning the wing knob shown.

Specify whether Iron or Wood Stop is required.
Price ... 2/3 each.

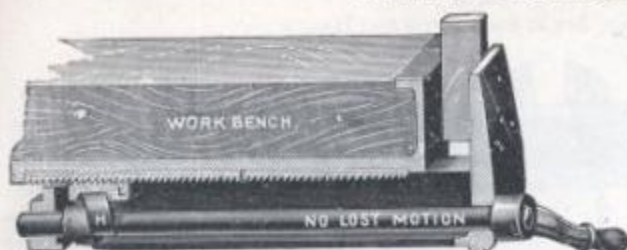
Neither the "Gripper" nor the "Ajax" Bench Stop requires a hammer or a screw-driver to adjust it, consequently no time is lost in hunting for these articles.

This section of our Catalogue contains the leading lines in Wood Workers' Tools, Machines, and Accessories, etc., etc. We have other sections, embracing a great variety of Engineers' tools, Machines, and Appliances, Electrical Goods, Motor Tools, Horticultural and Estate Agents' Tools, Builder's and Furnishing Ironmongery, etc., etc. Copies of these sections will be sent per post on application.

Contractors to the Home, Indian, and Colonial Governments.

Joiners' Instantaneous Grip Vice.

No. 952w.



Engraving shows work gripped. One-third of a turn of handle backward releases work and leaves the jaw free. Having only two working parts—viz. Spiral Cam H and Short Rack L—it combines extreme simplicity with great strength. Jaws drilled to receive wood facings.

Steel racks are specially recommended. The Bench Hook is fitted in Back Jaw, and can be raised and lowered to act as Bench Strop.

Size.	Width of Jaws,	Opens.	With Cast-iron Racks.				Tempered Steel Racks, Machine-cut Teeth.			
			Without Bench Hook, 13/-		With Bench Hook, —		Without Bench Hook, 15/6		With Bench Hook, — each.	
A	7½ in.	6 in.	"	"	"	"	"	"	"	17/6
B	9 "	12 "	"	"	"	"	"	"	"	22/-
C	10½ "	13 "	"	"	"	"	"	"	"	22/-

Extra Short Iron Rack L, price -10; in Steel, 3/6. Extra Long Rack, in Iron, E, 1/6; in Steel, 2/6. Carriage Forward.

Woodworker's Vice.

No. 953w.

These Vices combine all the advantages of the continuous Screw Vice with the quickness and economy of the sudden grip. It is very simple to manipulate, will give a tighter grip than any other vice, and the wearing parts are so constructed that they improve with use.

Width of jaw 7 in., opens 6 in., weight 19 lb.	...	...	Price 12/- each.
" " 9 " " 12 " " 40 "	...	...	" 16/- "
" " 10½ " " 12 " " 44 "	...	...	" 18/- "



Carriage Forward.

New Patent Vice with Steel Jaws.

No. 954w.

As supplied with our own Benches.

Can be instantly fixed and taken away, leaving only the small flat plate sunk flush with the bench. This is the cheapest, best, and most useful Metalworker's Vice on the market. Can also be revolved and tightened in any position.

Weight 5½ lb., 2½ in. Jaw.

Price ... 11/6 each.

Weight 8½ lb.

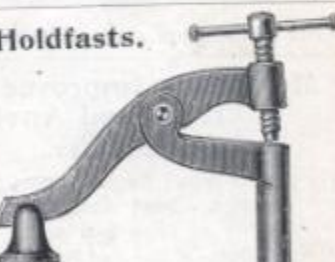
2½ in. Jaw.

Extra large.

Price ... 15/6 each.

Bench Holdfasts.

No. 956w.



Black.

10 in. x ¾ in., price ...	3/6 each.
12 " x 7/8 " " ...	4/3 "
14 " x 1 " " ...	5/- "
16 " x 1½ " " ...	6/- "

All Bright.

10 in. x ¾ in., price ...	5/3 each.
12 " x 7/8 " " ...	6/6 "

Improved Bench Clamp.

No. 955w.

For holding work firmly for carving, sawing, planing, etc. No fitting is needed

except a 1½-in. hole in Bench. The bent shaft is of 1½ in. round steel, 2 ft. long. The arm is 16 in. long, and is adjustable between 8 in. and 16 in.; it can be swung round in any direction or removed at pleasure. The more the screw is turned the harder the shaft binds in the Bench.

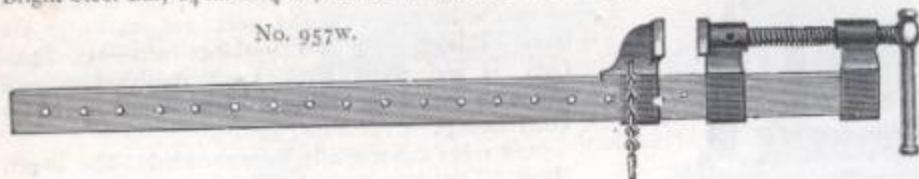
Weight 11 lb. Price ... 9/6 each.

Bronze Medal, 1884.—Gold Medal, 1890.

Improved Sash Cramp.

Bright Steel Bar, $1\frac{1}{4}$ in. \times $\frac{1}{4}$ in., Malleable Black Iron Fittings, Bright Steel Screw and Handle.

No. 957w.



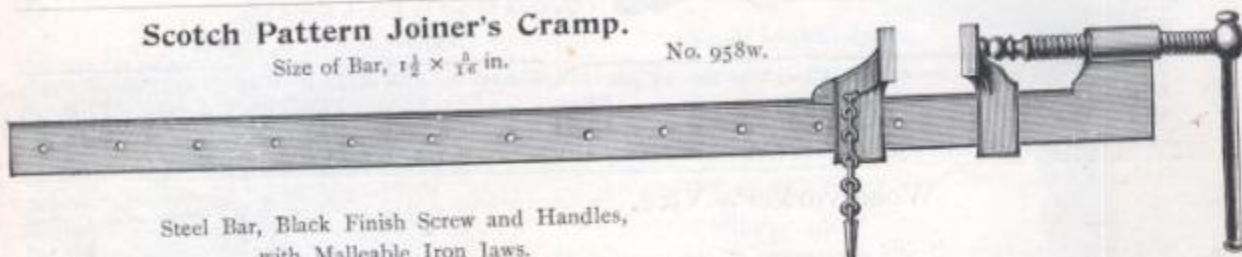
Length of Bar—

24	30	36	42	48 in.
To take in—				
18	24	30	36	42 in.
Price—				
5/3	5/6	6/-	7/6	8/3 ea.

Scotch Pattern Joiner's Cramp.

Size of Bar, $1\frac{1}{2}$ \times $\frac{5}{16}$ in.

No. 958w.



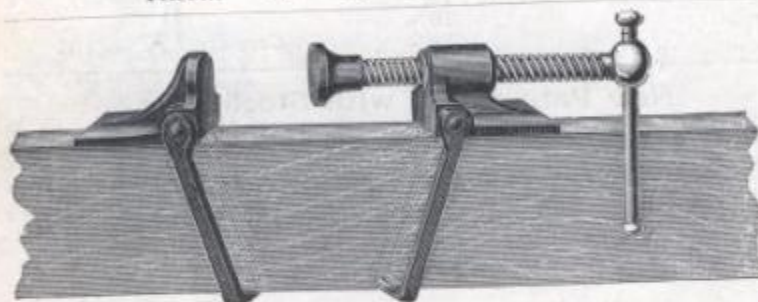
Steel Bar, Black Finish Screw and Handles, with Malleable Iron Jaws.

Length of Bar	...	...	...	...	24	30	36	42 in.
To take in	...	...	...	...	17	23	29	35 "
Price	...	...	...	...	8/-	8/6	9/-	9/6 each.

Cramp Heads.

No. 959w.

Steel Screw and Handle, Wrought Iron Straps. Other fittings Cast Iron.



Size	...	A	B	C
Diam. of Screw	$\frac{3}{4}$	$\frac{7}{8}$	$1\frac{1}{8}$	in.
To suit plank	$4 \times 1\frac{1}{2}$	$5 \times 2\frac{1}{2}$	$6 \times 3\frac{1}{2}$	"
Price per pair	4/-	4/9	6/9	

The advantage of these loose heads is that a thoroughly reliable cramp can be at once made with planks to any length.

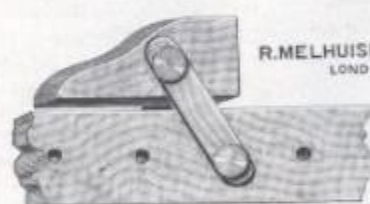
Melhuish's Improved Cramp Head and Anvil.

No. 960w.

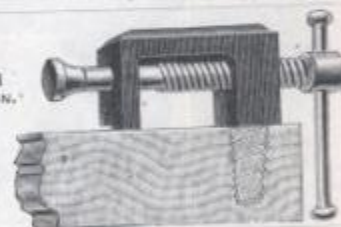
For use on Wood Bar, as shown (or for use on Bench). Easily fixed and detached.

Price 8/6 each.

(Wood Bar and Block extra.)



R. MELHUIH
LONDON.



Patent Adjustable Shooting Board and Mitre Block.

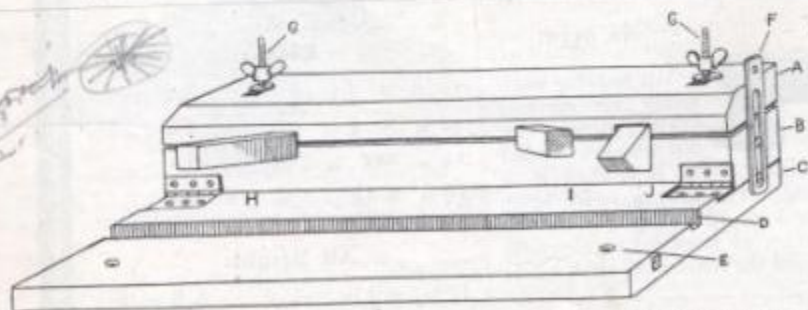
No. 961w.

Invaluable in any woodwork of precision, as Patterns, Picture Frames, Cameras, etc.

Full particulars on application.

Length 16 in.; width 6 in.

Price 8/6 complete.



All Goods on this page Carriage Forward.

Tool, Machine, and Hardware Merchants and Manufacturers.

T Section Steel Bar Cramps.

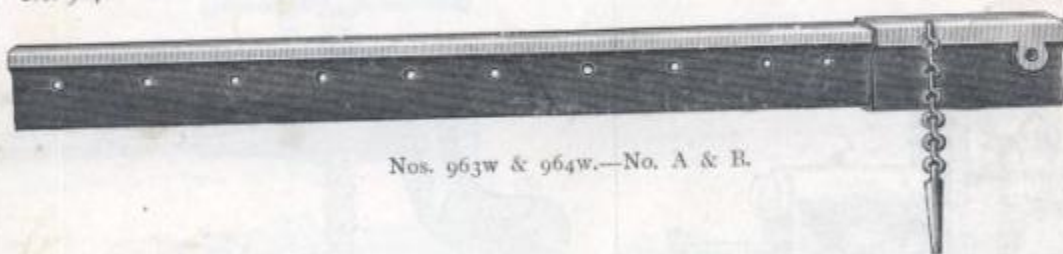
No. 962w.—No. A & B.



No. B.
 $2\frac{1}{8} \times \frac{7}{8}$

These T Bar Cramps are now all manufactured with the Bar cold drawn to the exact section, which ensures free and at the same time perfectly fitting Sliding Jaws, and any jaw required to replace would also be of a perfect fit; further, the finish of the Cramps is consequently very superior.

	Length ...	3	3½	4	4½	5	6	7	ft.	
No. A.— $1\frac{1}{2} \times \frac{1}{2}$...	9/-	9/6	10/-	10/6	11/-	—	—	each.	No. A. $1\frac{1}{2} \times \frac{1}{2}$
No. B.— $2\frac{1}{8} \times \frac{7}{8}$...	12/-	12/6	13/-	13/6	14/-	15/-	16/-	..	
No. 963w. No. A.—Lengthening Bars		5/-	6/-	6/6	—	—	—	—	..	
No. 964w. No. B.—	" "	6/3	—	8/-	—	9/-	11/-	—	..	



Nos. 963w & 964w.—No. A & B.

Patent Sash Cramp.



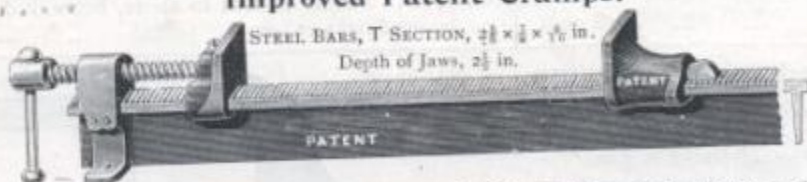
No. 965w.

With Bright Steel Bar, $1\frac{1}{4}$ in. by $\frac{1}{4}$ in.

Full Length	...	24	30	36	42 in.
Price	...	6/6	7/6	10/-	12/- each.

Improved Patent Cramps.

No. 966w.



STEEL BARS, T SECTION, $2\frac{1}{2} \times \frac{1}{2} \times \frac{1}{16}$ in.

Depth of Jaws, $2\frac{1}{2}$ in.



For joiners, pattern makers, wheelwrights, railway waggon and ship builders, and cabinet makers. Unequalled for strength, lightness, simplicity, and durability.

ADVANTAGES:—Self-fastening Sliding Jaw, which only requires pushing up to the work. The greater the pressure applied, the firmer the grip. Instant Adjustment on any part of the Bar.

Length ...	3	3½	4	4½	5	6	7
To take in	...	2	3	3½	4	5	6
Price	...	17/-	17/-	17/-	18/6	19/-	22/-

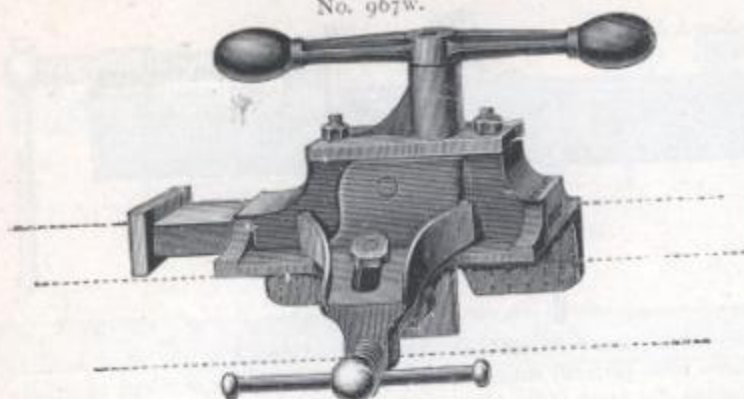
Lengthening Bars, 3 ft. and above, 2/6 per foot.

Goods on this page Free on Rail London only.

Orders of 20/- and upwards Carriage paid (with few exceptions).

Flooring Cramps.

No. 967w.

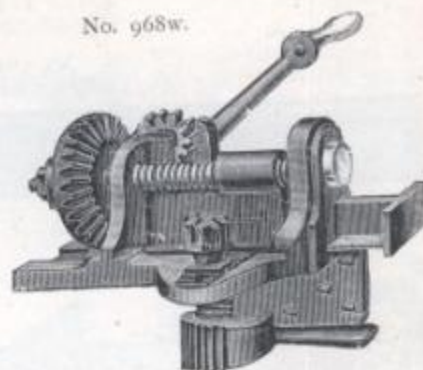


New Pattern.

Made entirely from Malleable and Wrought Iron, no ordinary Cast Iron being used. To grip joists 2 in. to 4 in. thick.

Price 16/3 each.

No. 968w.

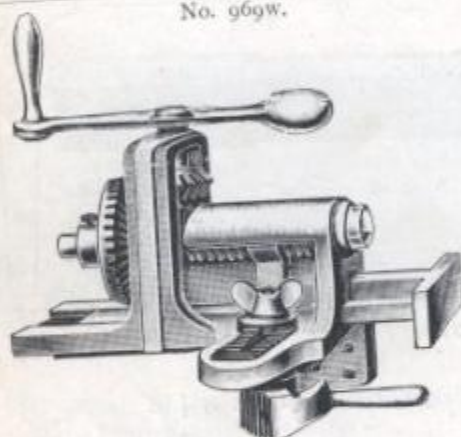


Malleable Iron Frame, with Malleable and Wrought Iron Working Parts.

Capacity, 2 to 4½ in. Joists.

Price 14/6 each
Cheaper Quality 10/6 "

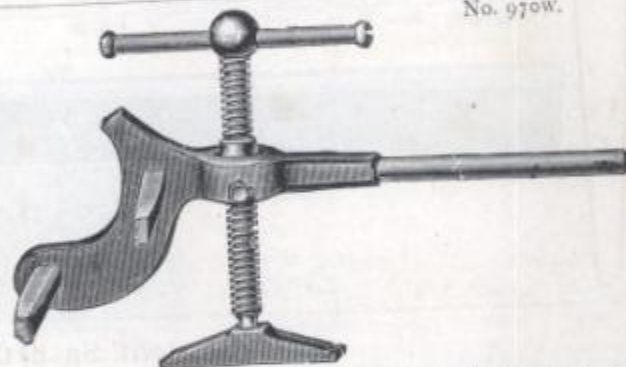
No. 969w.



Malleable Iron Frame, with Malleable and Wrought Iron Working Parts.

Capacity, 2 to 4½ in. Joists.

Price 16/6 each.



Best Wrought Iron throughout. To grip joists 1½ to 3½ in.

Price 15/- per pair.

These Cramps are supplied in pairs (one right- and one left-hand). If required singly, it is necessary to state the hand.

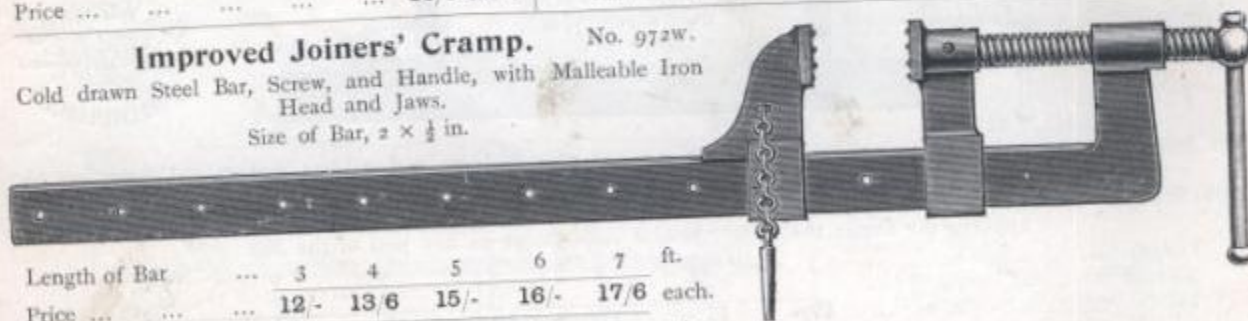
No. 971w. Similar pattern to above, but with double prongs; can be used right or left Price 8/- each.

Improved Joiners' Cramp.

No. 972w.

Cold drawn Steel Bar, Screw, and Handle, with Malleable Iron Head and Jaws.

Size of Bar, 2 x ½ in.



Length of Bar	...	3	4	5	6	7	ft.
Price	...	12/-	13/6	15/-	16/-	17/6	each.
Steel Lengthening Bars	...	6/-	7/6	9/-	11/-	—	extra.

All goods on this page free on rail only, London.

A large and varied Stock of Engineers' Tools and Motor Accessories.

Press Screw.
Wrought Iron.



No. 973w.
Malleable Nut.

Size ...	14 × 1½	16 × 1½	18 × 1½ in.
Price ...	3/3	3/9	6/6 each.

Brake Screw.
All Wrought Iron.



No. 974w. Bright
Screw and Handle.

Size ...	21 × 1	21 × 1½	21 × 1½ in.
Price ...	6/9	7/9	9/6 each.



Wrought Iron Bench Screw.

No. 974½w.

Double Thread, Movable Collars,
Wood Handles.

Diameter of Thread.

	1	1½	1½ in.
Price	1/9	2/-	2/6 each.

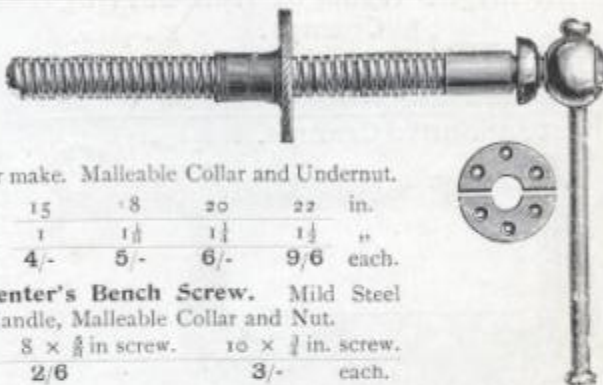
Best Mild Steel Bench Screw.

No. 975w. Superior make. Malleable Collar and Undernut.

Length ...	15	18	20	22 in.
Diam. ...	1	1½	1½	1½ "
Price ...	4/-	5/-	6/-	9/6 each.

No. 975½w. Carpenter's Bench Screw. Mild Steel
Screw and Handle, Malleable Collar and Nut.

6 × ⅞ in. screw	8 × ⅞ in. screw.	10 × ⅞ in. screw.
2/3	2/6	3/- each.



Bench Screw. No. 976w.

Mild Steel Screw, Handle and Jaws, with
Malleable Iron Body and Nut.

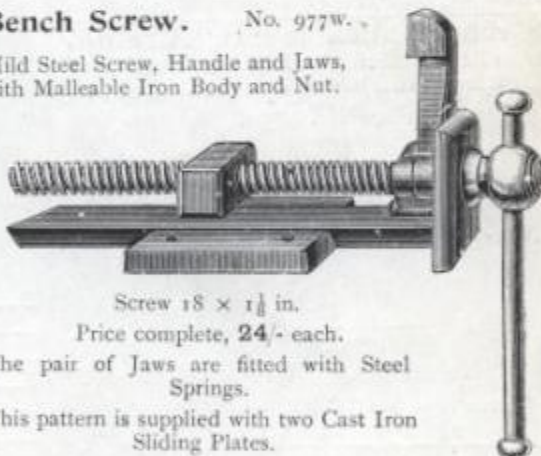
Screw
16 × 1 in.
Price 18/-
complete
each.



The pair of Jaws are fitted with steel Springs.

Bench Screw. No. 977w.

Mild Steel Screw, Handle and Jaws,
with Malleable Iron Body and Nut.



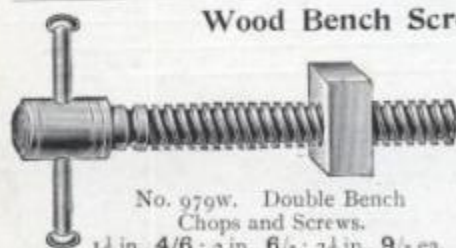
Screw 18 × 1½ in.

Price complete, 24/- each.

The pair of Jaws are fitted with Steel
Springs.

This pattern is supplied with two Cast Iron
Sliding Plates.

Wood Bench Screws.



No. 978w.
English.
2 2½ 2½ in.
1/2 1/3 1/4 ea.

No. 979w. Double Bench
Chops and Screws.

1½ in., 4/6; 2 in., 6/-; 2½ in., 9/- ea.

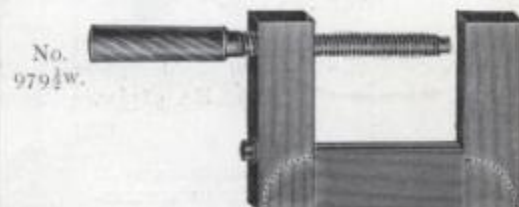
No. 978½w.
American.
2 2½ 2½ in.
1/2 1/2 1/2 ea.

Export Orders have the attention of our experienced men, and a wide knowledge of the various manufactures enables us to execute all foreign orders and commissions effectively and satisfactorily. We are always pleased to receive communications from our clients abroad.

R. MELHUISH, LTD., London, E.C.

Strong Wood Cramps.

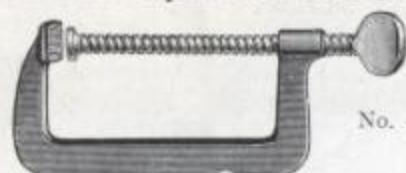
Of Red Beech with White Beech Screw, strengthened
with Iron Bolt.



To take	3½	4½	6	8	10	12 in.
Price	1/-	1/2	1/3	1/6	2/-	2/6 each.

Contractors to the Home, Indian, and Colonial Governments.

Machine-Cut Square Thread Cramps.



No. 980w.

Takes ...	3	4	5	6	7	8 in.
Price ...	1/3	1/8	2/-	2/6	3/-	3/6 each.

All bright Wrought Iron Carving Cramps.



No. 982w.

Takes ...	2	3	4	5 in.
Price ...	-/6	-/7	-/10	1/- each.

Best Japanned Cramps. No. 983w.



Prices: 1 1/2 in., -/6; 2 in., -/8; 3 in., -/9 each.

Strong Malleable "G" Cramp.

With Ball End Screw and Socket Swivel Head to conform to irregularity in work to be cramped.

No. 985w.



Screw is of Steel with heavy square thread.

2	2 1/2	3	4	5	6	8 in.
-/7	-/9	-/11	1/2	1/5	1/10	2/6 each.

Hammer's Adjustable Cramps.



Malleable.

No. 985 1/2 w.

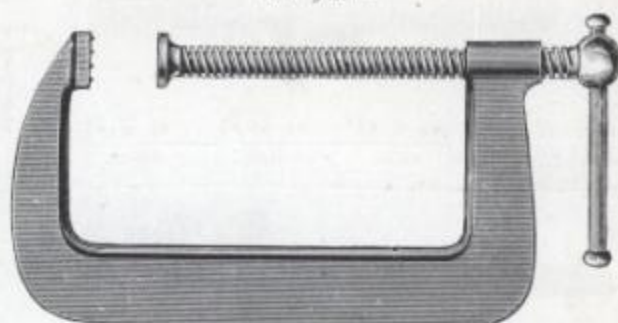
By giving the bolt one-quarter turn to the left, it can be moved its full length out or in; when turning it to the right, it operates like another screw.

Size ...	3	4	5	6	8 in.
Price ...	1/10	2/9	3/3	3/9	4/6 each.

Strong Ribbed Iron "G" Cramp.

With Bright Steel Screw and Vice Handle.

No. 981w.

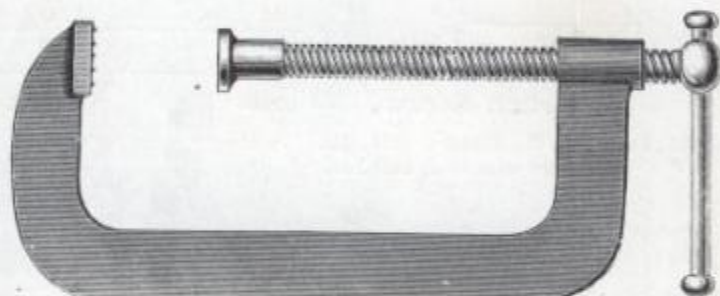


To take ...	5	6	7	8	10	12 in.
Price ...	3/-	3/3	3/9	4/6	5/3	6/3 each.

Strong "G" Cramp.

No. 984w.

With Vice Handle and made entirely from the Best Wrought Iron.



Takes	Made from Iron	Diam. of Screw	Price
4	1 1/2 x 1/2	3/8 in.	3/6 each.
5	1 1/2 x 3/8	3/8 "	4/- "
6	1 1/2 x 3/8	1/2 "	4/6 "
7	1 1/2 x 3/8	1/2 "	5/- "
8	1 1/2 x 3/8	1/2 "	6/- "
10	2 x 1/2	3/4 "	7/6 "
12	2 x 1/2	1 1/8 "	8/9 "

Adjustable Steel Clamp.

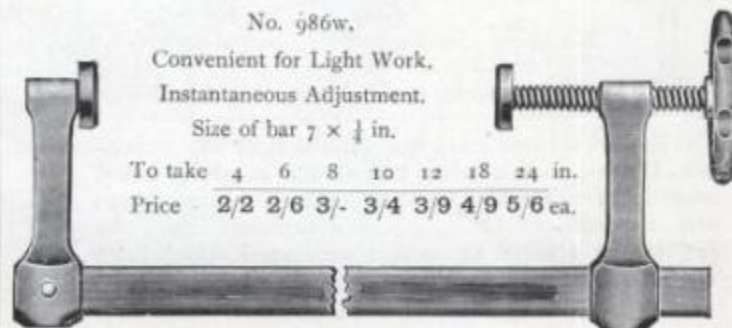
No. 986w.

Convenient for Light Work.

Instantaneous Adjustment.

Size of bar 7 x 1/2 in.

To take	4	6	8	10	12	18	24 in.
Price	2/2	2/6	3/-	3/4	3/9	4/9	5/6 ea.



Bronze Medal, 1884.—Gold Medal 1890.

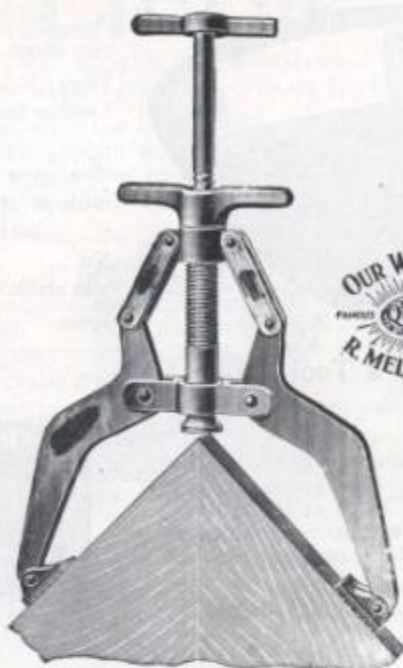
Universal Woodworkers' Cramps.

New Design. Instantaneous Action.

No. 987w.



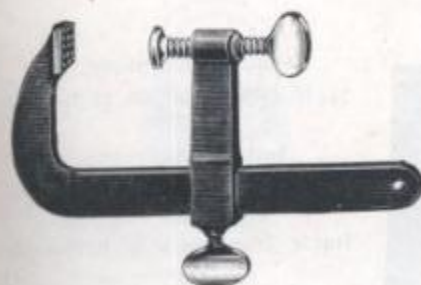
No. 988w.



- No. 987w. Has a single screw which works both arms ... 3/6 each
- No. 988w. Has a double screw; the longer one may be used independently while the two arms grip the work. The wing nut on top locks the arms ... 4/6 "

Sliding Pattern "G" Cramp.

No. 989w.



Easy and quick adjustment.

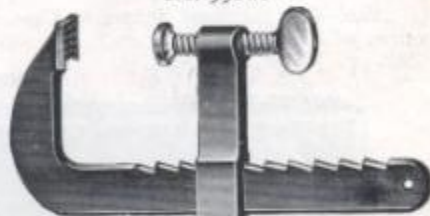
Firm Grip.

Malleable Iron with Bright Steel Thumbscrews.

To take	Price
.4 in. ...	2/- each.
6 " ...	2/6 "
8 " ...	3/- "
10 " ...	3/6 "
12 " ...	5/- "

Sliding Pattern "G" Cramp.

No. 990w.



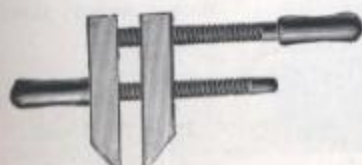
Instantaneous Action.

Malleable Iron with Bright Steel Screw.

To take	4	6	8	10	12 in.
Price	2/3	3/-	4/-	4/6	6/- each

Beechwood Hand Screws.

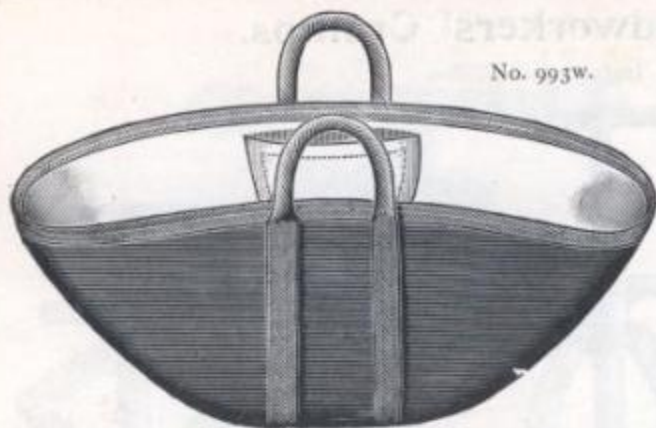
No. 991w.



	8	10	12	14	16	18 in.
Superior Quality and Finish ...	-/9	1/-	1/2	1/4	1/9	2/- each.
Reliable Second Quality ...	-/8	-/10	1/-	1/2	1/4	— "

SPECIAL QUOTATIONS ON APPLICATION FOR QUANTITIES.

Tool, Machine, and Hardware Merchants and Manufacturers.



No. 993w.

Carpenters' Tool Baskets.

No. 992w. **Ordinary Rush Pattern**, lined with stout Sailcloth and bound.

No. ...	1	2	3	4	5	6
Size about ...	24	27	30	33	36	39 in.
Price ...	1/-	1/2	1/4	1/6	1/9	2/3 each.
Leather lined	—	—	3/6	4/-	5/-	— "

No. 993w. **Superior Hardware Tool Baskets**, made of Strong Brown Canvas with White Sailcloth lining and Cocoa binding, as illustrated.

No. ...	1	2	3	4	5	6
Size about ...	24	25	29	31	34	36 in.
Price ...	1/6	1/9	2/-	2/3	2/6	3/- each.

Improved Pattern Fitter's Tool Bag.

No. 994w. Three inches shorter than the old-fashioned Tool Bag.

Placed or carried in any position without loss of tools. No projecting saws. No exposure of tools. Neat proportion and ample capacity for all-round purposes. Made in strong dark Canvas, lined with strong dark material, with specially stiffened sides and bottom, which prevent any bulging of tools.

Strong Handles and Straps.

Inside measurement 33 x 10 x 7 in. Suitable for all Saws.

Price ... 9/6 each.



No. 994w.

No. 995w.

Carpenter's New Hand Tool Case.

Made of selected Hardwood, with panelled sides and handsomely finished.

Furnished with Brass Lock, Leather Handle with Rings for Strap to pass over shoulder, Metal Clasps and Corners, Saw Rack for holding 4 Saws, including a 28 in. Rip Saw, Hooks for Brace, etc. Wood Bottom for Try Square, partitioned Tray for Bits, Chisels and small Tools, space in bottom to hold Planes, Levels, etc., and will take a Steel Square with an 18 in. Tongue.

Note.—To put Steel Square in Case, place it at back of Tray with end of body and end of Tongue resting on bottom of Case.



Outside Dimensions:—

34½ in. long, 6 in. wide, 17 in. deep.

Inside Dimensions:—

33 in. long, 5 in. wide, 15½ in. deep.

Inside Dimensions of Removable Tray:—

32½ in. long, 4½ in. wide, 1½ in. deep.

Weight (empty) about 15 lb.

Price 38/6 each.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

A LIQUID GLUE.
ALWAYS READY FOR USE.

**LEPAGE'S
GLUE**

NO HEATING.
NO GLUE POTS.

IT MENDS EVERYTHING—

WOOD, IRON, LEATHER, EARTHENWARE, IVORY, BRIC-A-BRAC, CHINA, GLASS, FURNITURE, ETC., ETC.

The advantages of this Liquid Glue are found in the saving of labour, time, and fuel necessary for preparing ordinary glues, which lose a part of their strength with every cooking. Our famous Liquid Glue will cover much more than the best animal glues. To secure the best results, it should be applied with a short, stiff brush or spatula and rubbed off to a very thin coat (the less glue the better).



No. 996w.

Liquid Glue
In patent pin-sealing Tubes with pin.

To open push pin through the hole; after using leave pin in Tube.

Price
-/6 each.

In Tin Cans.

No. 997w.

1/2 Gill,
Price -/9.

1 Gill,
Price 1/-

1/2 Pint
Price 1/3.



1 Pint,
Price 2/3.

1 Quart,
Price 3/6.

1/2 Gallon,
Price 8/-

1 Gallon,
Price 12/6.

All Glues Carriage Forward.

No. 998w.

Liquid Glue
In Glass Bottles
with Cap and
Brush.

Price
-/5 each.



	Per lb.	7 lb.	14 lb.	28 lb.	1 cwt.
Best Scotch Glue ..	-/7	3/9	7/-	12/10	42/6
French Medal Glue	-/6	3/-	5/9	10/6	39/-
Marine Glue ...	1/- per lb.	In 1 and 2 lb. tins.			

Gelatine Glue

	Per lb.	7 lb.	14 lb.	28 lb.	1 cwt.
Gelatine Glue ...	-/10	5/3	10/-	19/-	65/-
Russian Glue ...	-/11	5/9	10/6	20/-	70/-

Iron Glue Pots.

Tinned inside linings.

No. 999w.



No.	Holds Pints.	Price.	No.	Holds Pints.	Price.
8/0	1/8	-/9	3	2	3/-
6/0	1/4	-/11	4	2 1/2	3/6
4/0	1/2	1/3	5	3	4/3
3/0	3/4	1/4	6	3 1/2	4/9
2/0	1	1/8	7	4	5/6
0	1	1/10	8	5	6/6
1	1 1/4	2/1	9	6	7/6
2	1 1/2	2/6	10	8	9/-

Glue Pot with Spirit-Lamp and Brush.

No. 1000w.



In neatly lacquered iron with
Copper Glue Kettle.

SMALL SIZE.

5 1/2 in. high x 3 1/2 in. diameter.
Price ... 1/9 each.

LARGE SIZE.

6 in. high x 4 in. diameter.
Price ... 2/6 each.

Copper Glue Pots.

No. 1001w.



Recommended as being clean and light
and quickly heated over a gas or spirit
lamp.

No.	Holds Pints.	Price.	No.	Holds Pints.	Price
1	1/8	1/2	6	1	4/-
2	1/4	1/6	7	1 1/2	4/6
3	1/2	2/-	8	2	5/-
4	3/4	3/-	9	3	6/9
5	1	3/6	10	4	9/3

A large and varied Stock of Engineers' Tools and Motor Accessories.

No. 1002W.

Saw Set.

For Hand, Back, Web, Wood, and Small Circular Saws not thicker than 18 Gauge. Can be operated by the foot, thus leaving the hands free to guide the Saw; or used by striking the top with a light Mallet.



Price

3/3 each.

Patent Bronzed Punch Saw Set.



No.
1008W.

Price
4/6 ea.

This section of our Catalogue contains the leading lines in Woodworkers' Tools, Machines and Accessories. Other sections embracing Engineers' Tools, Machinery and Appliances, Electrical Goods, Motor Tools, Horticultural and Estate Agents' Tools, Builders' and Furnishing Ironmongery, etc., etc., will be posted on application.

No. 1003W. Beech Handled Saw Sets.



With Turn-
screw End .-/9 ea.
Without Turn-
screw End .-/8 "

No. 1004W.

With Sliding Gauge.

Price... 1/3 each.



Bright Saw Set.



No. 1005W. 8 10 slit.

Price ... -/6 -/8 each.

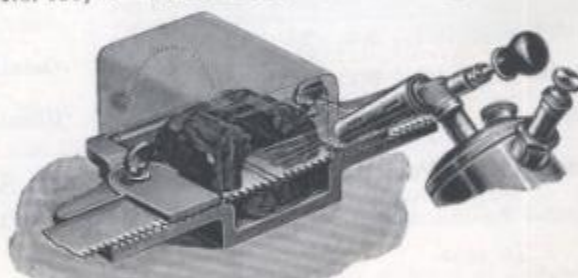
No. 1006W.

Pit Saw Set.

Bright, 1/9 each.



No. 1007W. Band Saw Soldering Device.



Price ... 7/6

Lamp 14/6 Extra.

No. 1009W. Saw Setting Machine.

Inexpensive, practical, and can be used screwed up in a vice, or bolted to any convenient place.

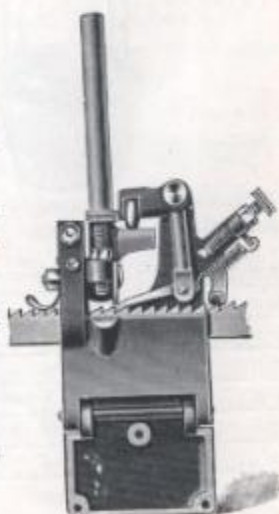
It is strong, rigid, very easy to work, and sets Saws with any space of tooth quite accurately, no matter how irregular the teeth may be.

The feeding arrangement is exceedingly simple, and when set in accordance with instructions, a youth can easily set 16 feet of Bandsaw in about three minutes.

Every Machine is carefully tested before leaving the Works, and is fully guaranteed to work satisfactorily if instructions be followed.

PRICES.

- | | | |
|--------|--|------------|
| No. 1. | To set Saws from $\frac{1}{8}$ to $1\frac{1}{2}$ in. wide. | |
| | Weight about $6\frac{1}{2}$ lb. | 31/- each. |
| " 2. | To set Saws from $\frac{3}{8}$ to $2\frac{1}{4}$ in. wide. | |
| | Weight about 11 lb. | 42/6 " |



Contractors to the Home, Indian, and Colonial Governments.

Saw Sets.

No. 1010W.



Ordinary pattern for Saws up to 16 gauge ... 2/3 each.

No. 1011W.



Extremely compact and adjustable for the widest Handsaws, etc., down to $\frac{1}{2}$ in. and not over 16 gauge, 3/3 each.

No. 1012W.



For the largest Saws down to $\frac{5}{8}$ in. wide and not over 16 gauge ... 3/6 each.

No. 1013W.



For Handsaws, etc., any width and not over 16 gauge, 3/6 ea.

No. 1014W.



$6\frac{3}{8}$ in., with lock nut, dust proof, and anvil gauged to take the largest Handsaws, etc., down to $\frac{1}{2}$ in. and not over 16 gauge ... 3/9 each.

No. 1015W.

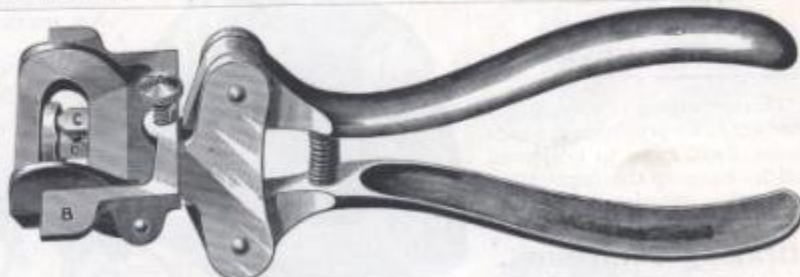


- | | |
|---|-----------|
| A. For Cross-cut and Circular Saws, single tooth, from 14 to 20 gauge | 4/9 each. |
| B. For Timber and Board Saws, 6 to 14 gauge | 7/- " |

No. 1016W. The "Triumph."

The chief feature of this design is the introduction of two plungers in place of one. The lower plunger holds the Saw rigidly in position whilst the upper one sets the teeth.

PRICE:
4/- each



The "Monarch."

No. 1017W.

This design differs from all others in that the Die is rounded, fitted to the set with a screw and finished with four bevelled edges of different depths, suitable for adjustment to set teeth of varying sizes.

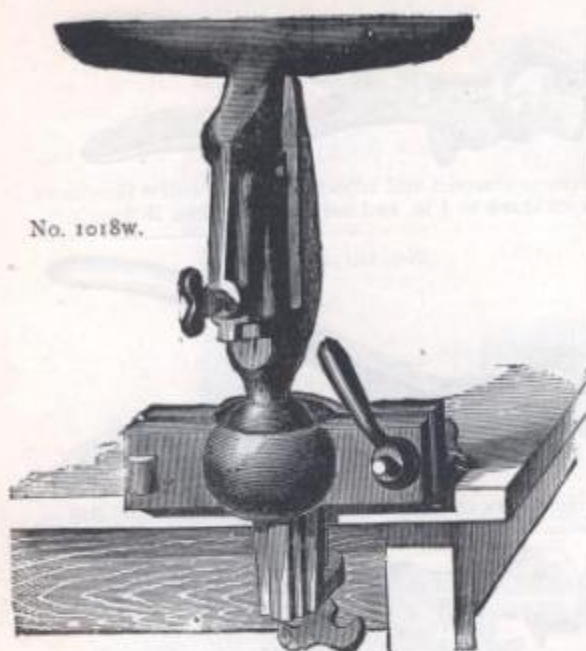
PRICE:

Japanned	...	2/6 each.
Polished	...	3/6 "



Bronze Medal, 1884.—Gold Medal, 1890.

Saw-Filer's Vice.



No. 1018W.

The particular feature of this Saw-Filer's Vice or Clamp is the Improved Adjustable Ball and Socket Joint by which the user is enabled to work with his saw held at any angle or square.

Length of Jaw, 9½ in.

Price 4/6 each.

No. 1019W.

With Hinge Joint, 3/-

This apparatus is exceedingly handy both for preparing the ends of the Band Saws to be joined and for filing up the braze afterwards, thus ensuring neat work.

Brazing Compound.

No. 1022W.

More effective than borax, as it causes the brass to melt more quickly. Borax invariably leaves

Patent Corrugated Saw-edge Fasteners.

No. 1023W.

These can be driven with or across the grain on any class of timber—either hard or soft wood—and are admirably adapted for repairing cracked boards, making joints, securing

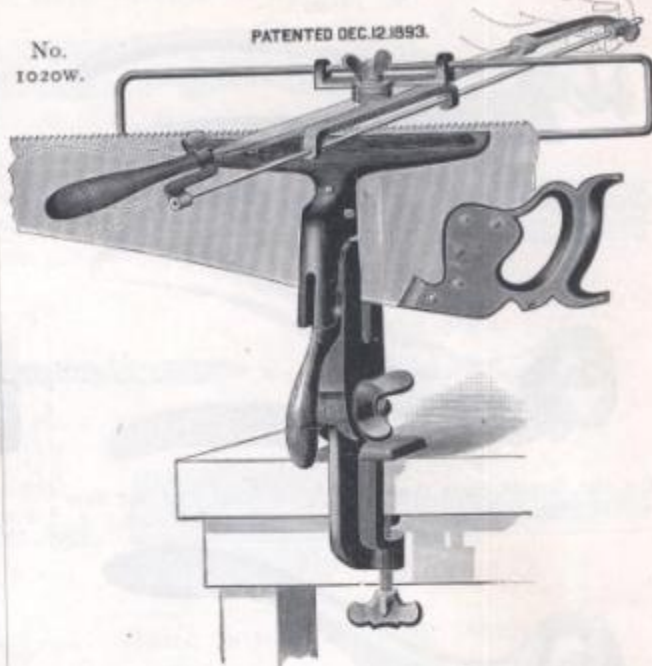
Band-saw



Filing Stand.

No. 1021W.

Saw-Filer's Vice and Guide.



No. 1020W.

PATENTED DEC. 12 1893.

With Swivel attachment marked at proper positions for filing teeth to correct shape. Specially designed to assist those unskilled in the method of Saw Filing to sharpen a saw properly.

Price of Guide, Clamp, File, and Handle complete in Box, 7/6

PRICES:

- No. A. For Saws up to 1½ in. wide, 6/6
 „ B. For Saws 1½ to 2¼ in. wide, 9/6
 „ C. For Saws 2¼ to 5 in. wide, 23/6

hard spots on the saw, this does not, and thus effects a great saving in files and labour.

1 lb. tins. ½ lb. tins.
 Price ... 2/- 1/3 ea.

Carriage Forward.



LOOSE JOINT BEFORE FASTENER IS DRIVEN



TIGHT JOINT AFTER FASTENER IS DRIVEN

glue joints, making up widths from narrow wood, fixing mitre joints, etc., etc.

No. of Corr.	PRICE PER THOUSAND.							Inches in Depth.	
	¼	½	¾	1	1½	2	2½	1 in.	
3	3/9	4/6	5/-	6/3	7/6	—	—	—	—
4	4/9	6/-	—	7/6	—	10/6	—	—	—
5	—	—	7/6	10/6	11/3	—	—	—	—
6	—	—	9/6	—	13/6	—	16/6	—	—

Tool, Machine, and Hardware Merchants and Manufacturers.

"Eclipse" Band Saw Sharpener.

No. 1024W.

By means of this Machine all the Teeth are sharpened **uniformly**, and in but a fraction of the time occupied by the cumbersome methods of filing.

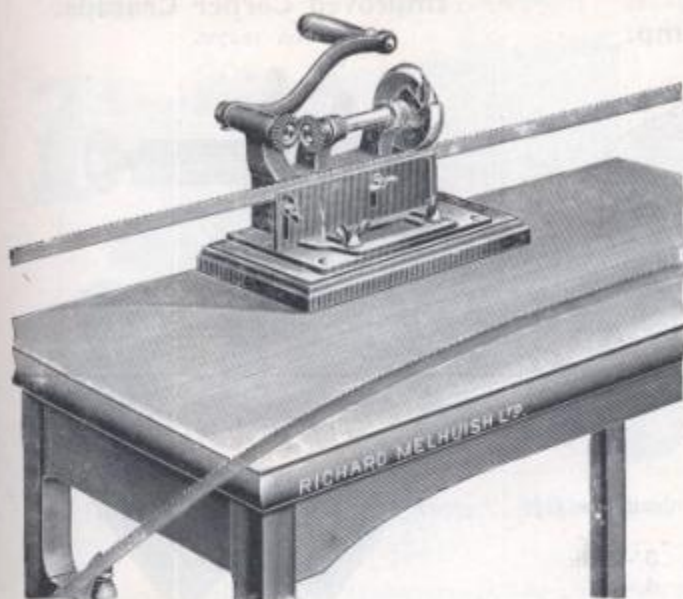
No. 1 will sharpen Band and Hack Saws at the rate of **about Four Feet per minute.**

No. 1.	For Band Saws, etc., up to 1½ in. wide	£2 : 0 : 0
No. 2.	For Band Saws, etc., up to 3¼ in. wide	£3 : 8 : 0
No. 3.	Also arranged with both Hand and Belt Drive, for all sizes, to sharpen Band Saws, Hack Saws, and Circular Saws. Price, including 3 Cutters, one for each type of Saw	£7 : 10 : 0

Spare Cutting Wheels.

For Nos. 1 and 2	5/- each.
For No. 3	7/- "

Note.—A File costing about $\frac{1}{6}$ will not sharpen more than 2 Band Saws. A Cutter costing $\frac{6}{6}$, including one re-setting, will sharpen approximately 70 Band Saws.



Automatic Band Saw Sharpener.

No. 1025W.

Very compact, and can be fixed vertically to a post or a wall. The adjustable pulleys, working on a cog wheel, allow it to be driven from any direction, and it is therefore practically adaptable to any position in the workshop.

The file cuts on the backward stroke and travels at twice the speed on the forward stroke; a high speed and a considerable saving in files is thus effected.

There is no intricate feeding arrangement to get out of order; the file itself, just before starting the cut, lifts the tooth into position; the teeth consequently come automatically into the correct position, even when they are irregular, and the tops cannot therefore be damaged.

The machine takes saws from $\frac{1}{8}$ in. to $2\frac{1}{2}$ in., and with the pulleys making 120 to 130 revolutions it will sharpen 60 to 65 teeth per minute.

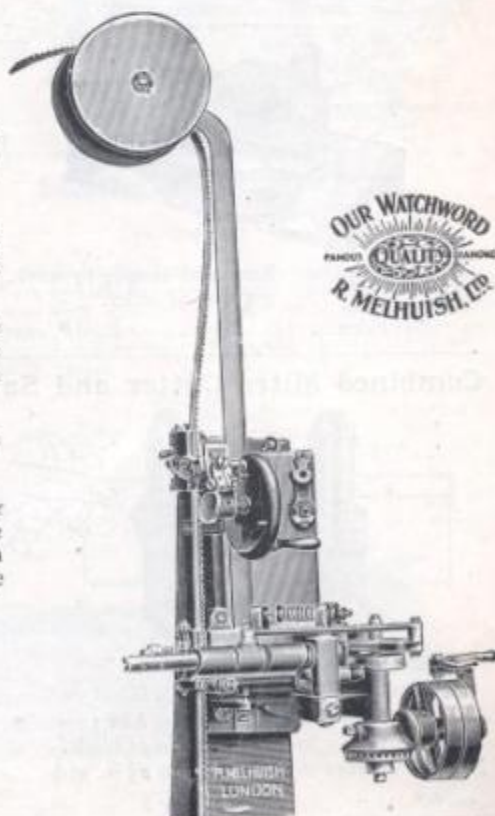
Once the saw is fixed and the machine started, no attention whatever is required until the saw is finished. The pressure of the file and the depth of feed can easily be adjusted by the turn of a screw, even when the machine is at work, and the file can be turned to suit any angle of tooth.

Can easily be worked by a youth.

Every Machine Fully Guaranteed.

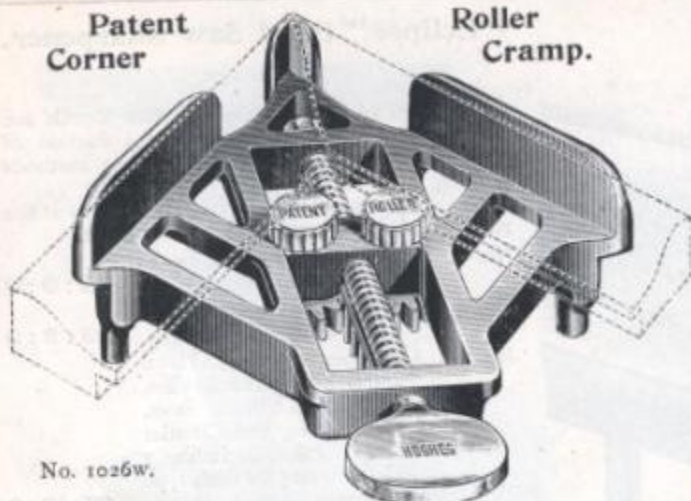
Price complete with 6 Files... .. £10 : 5 : 0

Extra for Setting Apparatus, as shown in illustration £2 : 17 : 6



Orders of 20/- and upwards Carriage Paid (with few exceptions).

**Patent
Corner**



No. 1026W.

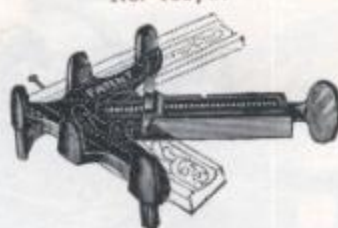
Easy and simple to use. Perfect joints obtained without trouble.
Cannot get out of order.

No. 1.	Takes Mouldings up to 2½ in. wide	...	3/- each.
" 2.	" " " 4 " "	...	4/- "

**Roller
Cramp.**

Improved Corner Cramps.

No. 1027W.



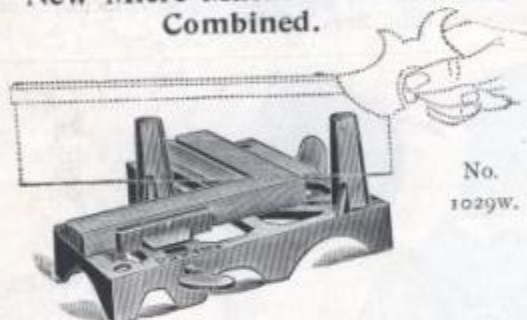
	No. 1	2	3
Takes Mouldings ...	1½	2½	4 in.
Prices ...	1/2	1/5	2/- each

No. 1028W.



Takes Mouldings ...	...	2	2½ in.
Prices ...	...	-/8	1/- each.

**New Mitre Machine and Cramp
Combined.**



No.
1029W.

No loose parts. Easy and simple to work. Cannot
get out of order.

Price ... 8/- each.

Corner Cramp.

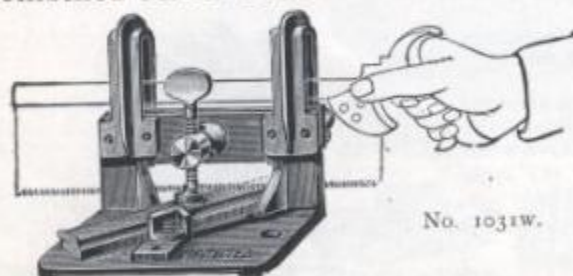
Cast Iron Body and Jaw, Steel Screw.



No. 1030W.

	No. 1	2	3
Takes Mouldings ...	1½	2	4 in.
Prices ...	-/9	1/2	1/9 each.

Combined Mitre Cutter and Saw Vice.



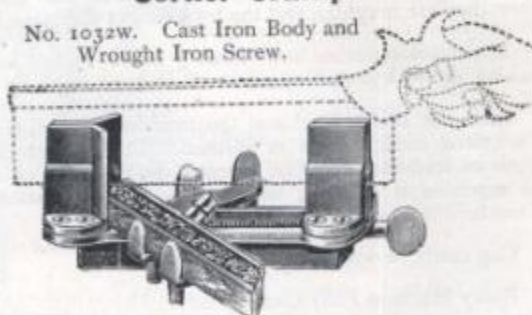
No. 1031W.

The above will take either a Hand or Tenon Saw.
The two plates through which the Saw passes are adjustable
to any thickness of blade.

No. 1.	To take in Mouldings to 2½ in. wide	...	8/6 each.
" 2.	" " " 5 " "	...	13/6 "

**Combined Mitre Saw Guide and
Corner Cramp.**

No. 1032W. Cast Iron Body and
Wrought Iron Screw.



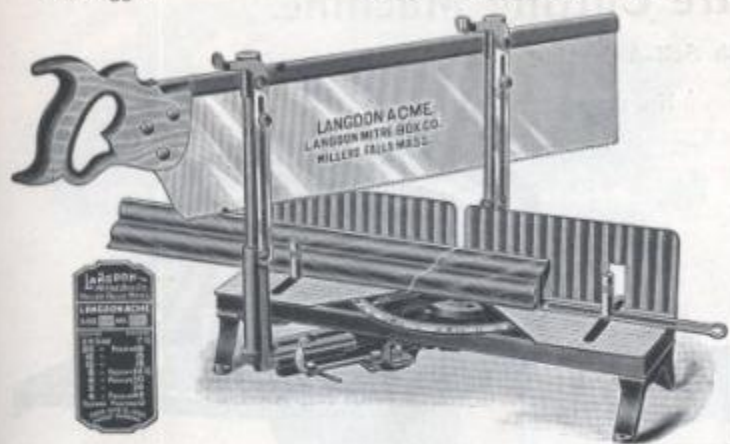
For use first as a Mitre Saw Guide then as a Cramp for
securing the Mouldings whilst nailing together.

No. 1.	Takes Mouldings up to 2½ in.	...	9/6 each.
" 2.	" " " 5 " "	...	12/9 "

A large and varied Stock of Engineers' Tools and Motor Accessories.

No. 1033W.

The "Langdon" Acme Mitre Box. Polished Parts Nickel-Plated.



In addition to the usual features, this design has the guides an inch longer than usual and a graduated arc in front (see illustration). It also has a Metallic Index Plate with degrees marked thereon, and the Steel Bottom Boards are roughened to prevent work from slipping.

Saw.	Capacity at Right Angles.	Capacity at Mitre.	Prices.
22 in. x 4 in. ...	7 1/2 in. ...	5 in. ...	42/-
24 " x 4 " ...	7 1/2 " ...	5 " ...	44/-
26 " x 4 " ...	7 1/2 " ...	5 " ...	46/-
22 " x 4 " ...	10 1/2 " ...	7 " ...	46/-
24 " x 4 " ...	10 1/2 " ...	7 " ...	48/-
26 " x 4 " ...	10 1/2 " ...	7 " ...	50/-

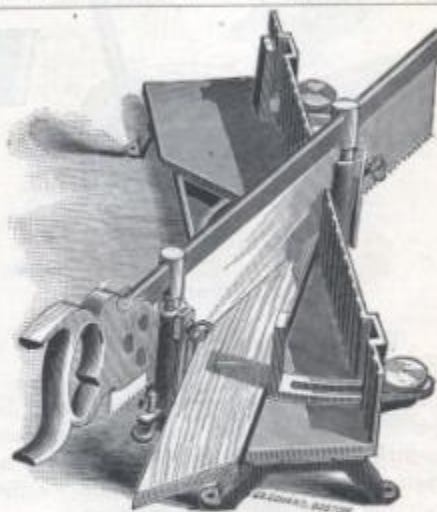
Improved "New Langdon" Mitre Box.

No. 1034W.

This pattern cuts, by means of the Circular Arms or Guides, from right angles to 75 degrees on 2 1/2-in. wood, whereas the ordinary Mitre Box cuts only from right angles to 45 degrees.

Saws are measured extreme length of blades. For the convenience of operator the corner of blade under the handle is clipped off.

Saw.	Cuts at Right Angles.	Cuts at Mitre.	Price, including Saw.
No. A ... 18 in. x 4 in. ...	6 1/2 in. ...	4 1/2 in. ...	36/-
" B ... 22 " x 4 " ...	6 1/2 " ...	4 1/2 " ...	42/-
" C ... 24 " x 4 " ...	9 1/2 " ...	6 1/2 " ...	47/-
" D ... 28 " x 5 " ...	9 1/2 " ...	6 1/2 " ...	58/-



Stanley Mitre Box.

No. 1035W.

Frame in one piece, with detachable Malleable Legs. Strong, accurate, compact, durable, and possesses the following advantages: Saw is held above work when not in use. Swivel is automatically locked at any angle. Stock Guides for holding work in place or as length gauges for duplicating work. Extra wide range of work—will saw at angle of 30 degrees.

No.	Saw.	Cuts at Mitre 45°.	Cuts at 30° without Guide.	Price with Disston's Saw.
A ...	20 in. x 4 in. ...	5 1/2 in. ...	3 1/2 in. ...	£2 : 3 : 9
B ...	24 " x 4 " ...	5 1/2 " ...	3 1/2 " ...	2 : 5 : 9
C ...	26 " x 4 " ...	6 1/2 " ...	4 1/2 " ...	2 : 11 : 0
D ...	30 " x 6 " ...	7 1/2 " ...	5 1/2 " ...	3 : 6 : 0

Mitre Box Saw.

No. 1036W.

Accurately made and of the finest quality.

Specially designed for use with the "Langdon" and other Mitre Boxes.

All these Saws have eleven points to the inch.



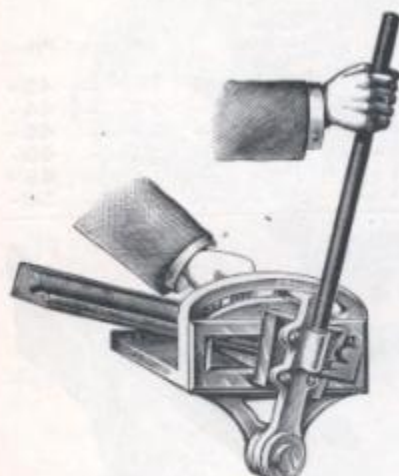
Full length of Blade ...	20 ...	24 ...	28 ...	30 x 4 in.
Price ...	7/6 ...	8/6 ...	9/6 ...	10/6 each.

Contractors to the Home, Indian, and Colonial Governments.

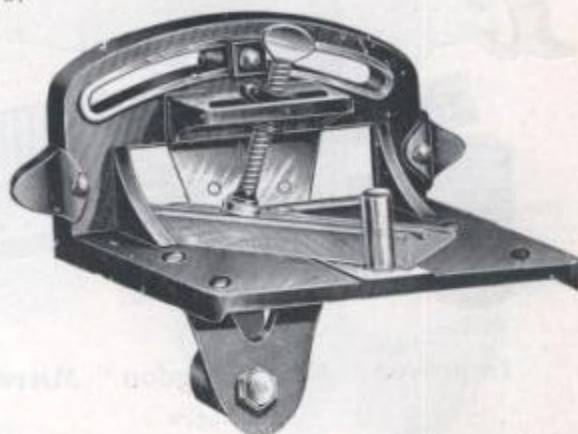
Patent Mitre Cutting Machine.

With Self-Adjusting Screw.

No. 1037W.



Front View.



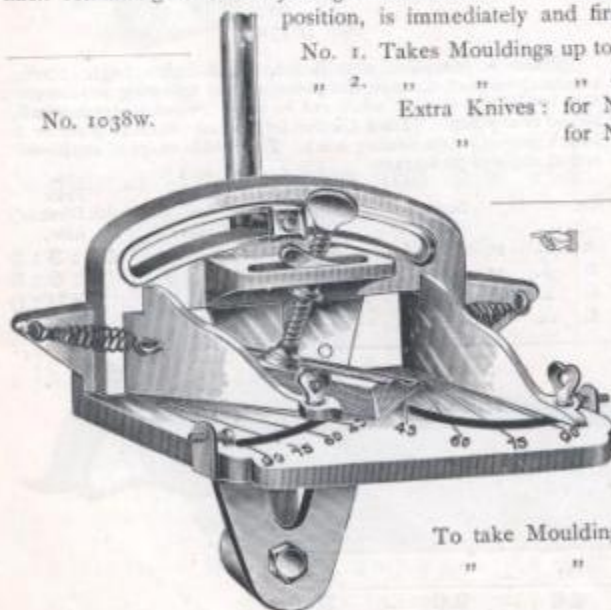
View showing Attachment at back to keep the Moulding perfectly immovable.

This pattern has all its working parts machined, and is a perfectly true and accurate tool for producing an angle or mitre of 45 degrees.

The Cutter-Arm carrying the knives is jointed and held down in a Quadrant, and, while the Arm works freely it is impossible for the knives while operating to leave the face of the machine. The Knives themselves are ground up perfectly true after hardening; they are made in two halves, each half being held in position by two screws which, when released, enable either the right- or the left-hand blade to be removed, sharpened and replaced without interfering with any other part of the machine.

In order to prevent the Moulding moving whilst being cut, each of these machines has an attachment at the back containing a Self-Adjusting Screw fitted with an indiarubber pad; by means of this the Moulding, when in position, is immediately and firmly held. (See illustration.)

No. 1038W.



No. 1. Takes Mouldings up to 2½ in. wide	...	...	Price 12/6 each.
" 2. " " " 4½ " "	...	...	" 21/- "
Extra Knives: for No. 1	...	...	3/- per set of two.
" for No. 2	...	...	4/- " "
Packing Case, 9d. and 1/- each.			

Improved Patent Mitre Cutter.

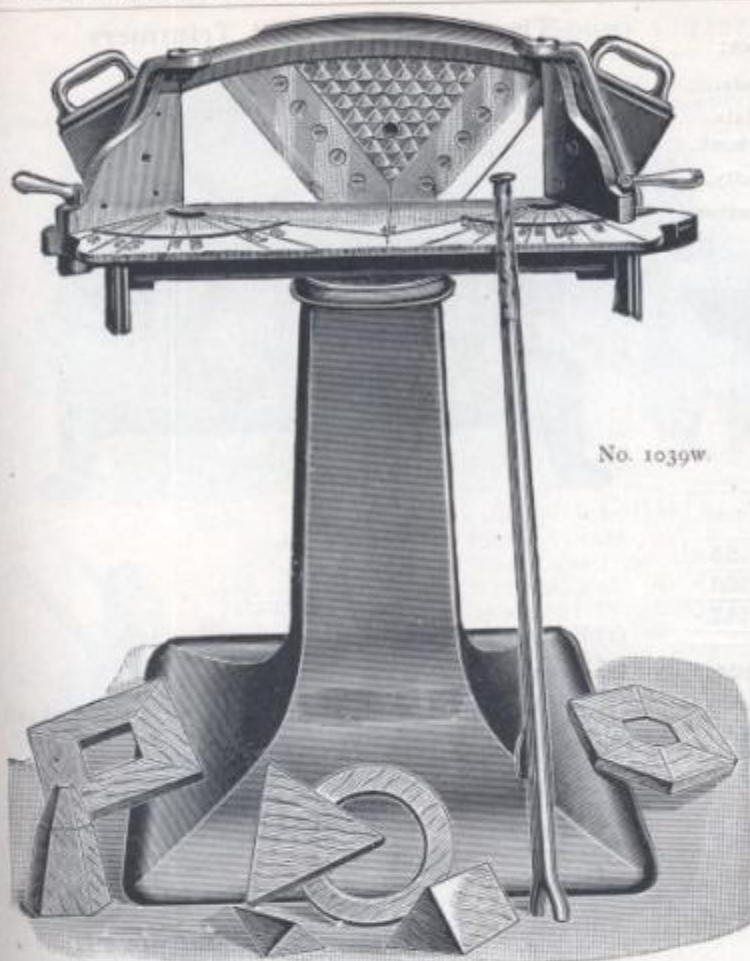
With Adjustable Guides.

This machine possesses all the advantages of the pattern shown above, and, in addition, as will be seen from the illustration, the Guides are adjustable to any angle. The face of the machine is marked for setting the angles to 45°, 60°, 75° and 90°.

To take Moulding or Timber up to 3½ in. wide, at 45 degrees	Price 35/-
" " " " 5 " " " 90 " "	each.

Packing Case, 1/- extra.

Bronze Medal, 1884.—Gold Medal, 1890.



Perkins' Draw-Stroke Trimmer.

For use on Bench or Stand.

In this Trimmer the knife has a drawing (or shaving) as well as a shearing cut, and the lightest shaving for finishing a joint may be taken off, thus dispensing with the plane. The machine has Adjustable Gauges for duplicating work and for irregular surfaces, and the Swinging Gauges or Wings determine the angle to be cut without the use of try-square or straight-edge. Vertical and horizontal lines are cut accurately without testing or measuring.

A Size.

Bed	23 in. x 8 in.
Will Double Mitre	5 1/2 in. wide.
„ Trim	7 „ „
Price	£4:15:0
Stand, £1:16:0 extra.	

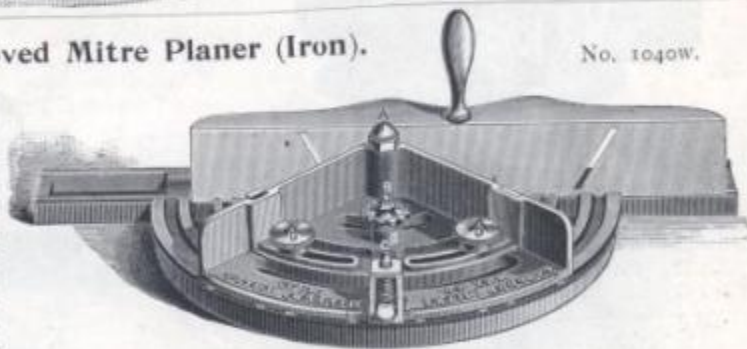
B Size.

Bed	33 in. x 12 in.
Will Double Mitre	...	...	7½ in. wide.
" Trim	...	...	11 " "
Price	...	...	£9:10:0
			Stand, £2:8:0 extra.

Carriage Forward.

Improved Mitre Planer (Iron).

No. 1040W.



For planing at any desired angle on straight or curved work. The plane runs on a way at rear of bed-plate, and the material to be planed is guided by the movable Quadrant swinging on pivot A. When the Quadrant is in the centre of bed-plate its side elevations form an exact mitre, so that no change is required in planing the ends of parts for frames of four sides. In the sides of the Quadrant are two adjustable Guides or Rests, kept in position by Set-screws, D, D. The special objects of these rests is to enable one to finish the ends or angles on curved work with exactness.

In preparing pieces for circular or oval work, frames, emery wheels, circular patterns, etc., it is necessary to plane the ends of the various segments at varying angles. In planing these, the point of the Quadrant, near the Plane, and the adjustable Guides form the rests required for accurate work.

DIMENSIONS AND PRICES.

DIMENSIONS AND PRICES.										£	s.	d.
With Plane Iron, 2 in. wide										4	3	6
12	12	12	3½	12	12	12	12	12	12	5	4	2
12	12	12	4	12	12	12	12	12	12	6	5	0

Extra Plane Iron, 2 in., 7/6; 3½ in., 9/6; 4 in., 11/6

Tool, Machine, and Hardware Merchants and Manufacturers.

The "Economical" Wood Trimmer.

No. 1041W.



Special Features:
English made.
Best Materials
throughout.
Large Capacity.
No Complications.

Title.	Length of cut.	Height of cut.	Size of bed.	Weight.	Price.
Economical	7 in.	4 in.	17 x 7½ in.	28 lb.	55/-
No. 1.	9 "	5 "	21 x 9 "	56 "	105/-
No. 2.	11 "	6 "	27 x 11½ "	115 "	147/-

The Improved Patent Trimmer.

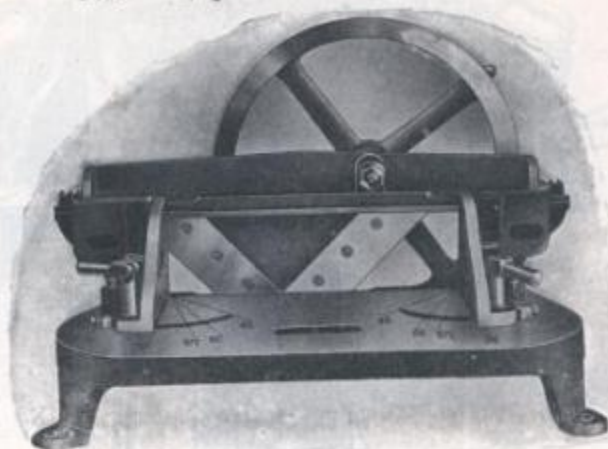
English workmanship throughout, and warranted one year. In this design the fly wheel is extra heavy and the knife slide is an oblong frame giving a 20 in. bearing.



No. 1043W.

No. 1.	Cuts 16 x 5½ in.	Price	£13 : 13 : 0
No. 2.	Cuts 17 x 4 in.	"	12 : 12 : 0

The "Rapid" Wood Trimmers.

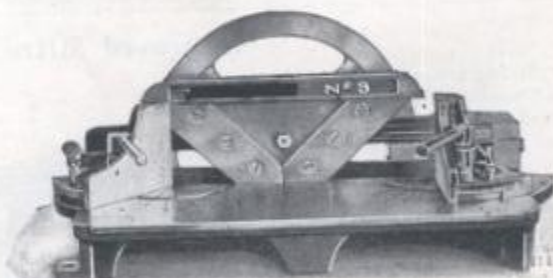


No. 1042W.

SPECIAL FEATURES:

- (1) English manufacture throughout.
- (2) Large capacity and low price.
- (3) The knife slide is propelled by means of a fly wheel and a cut steel rack.

Length of cut ...	13 in.	Size of bed 22½ x 9 in.
Height of cut ...	4 in.	Weight ... 82 lb.
Price ...	£6 : 6 : 0	Stand ... 22/6 extra.



No. 1044W.

This pattern has all the special features of the above, but in addition it takes all angles from 30° to 135°.

Length of cut ...	11 in.	Size of bed 27 x 9 in.
Height ...	4 in.	Weight ... 135 lb.
Price ...	£8 : 8 : 0	Stand ... 22/6 extra.

All Carriage Forward.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

Patent Mount Cutters.

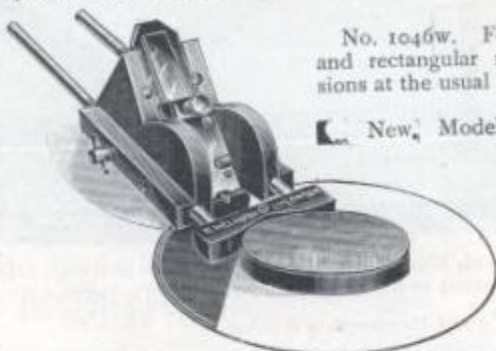
The Standard Picture Frame Maker's Tool for cutting circular, oval, and rectangular mounts of any dimension. With this machine any one may easily cut mounts superior to those turned out in the old-fashioned way by a skilled workman. Indispensable for the rapid production of mounts in large quantities.

No. 1045W. For cutting square-cornered mounts of any size or shape at the usual bevel.



New Model in Beech, with Nickel-plated Brass Fittings. This pattern has several patented improvements.

Price 9/6 each.



No. 1046W. For cutting circular, oval, and rectangular mounts of any dimensions at the usual bevel.

New Model (embodying several patented improvements) in Beech, with Nickel-plated Brass Fittings.

Price 12/6 each.

Patent Mount Cutters. No. 1047W.

Strongly made in Plated Brass, and well finished. A layer of wood is fixed beneath the metal base in order that the machine may run easily and without injury to the cardboard. The machine is put in position before lowering the knife, which works in a slot. This starts the knife right and keeps it right. No bad corners or crooked lines. The knife can be fixed at any bevel, and draws back when not at work. This protects both knife and mount from injury. With the 4 Guides sent with each machine several hundred different sizes of oval and circular mounts from about 2 in. to 20 in. by 17 in. and any size rectangular can be cut. For the latter the frame is removed. The machine will then follow a straight-edge. Price, with 2 knives and full instructions, 24/-



With Frame in position for cutting Circles and Ovals.

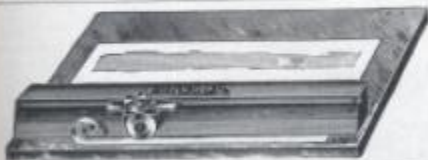


With Frame removed for cutting Rectangles.

Print Trimmer.

No. 1048W.

An entirely new invention for quickly and efficiently trimming photographs, prints, mounting tissues, etc. Thick or thin, wet or dry, and perfectly square. Takes the place of a straight-edge or knife. 8-in. cut, 2/6 each; 12-in. cut, 4/- each. Cutting Board not included.



No. 1049W. Mount Cutter's Straight-Edge.

	24 x 1 1/2	30 x 1 1/2	36 x 1 1/2	48 x 2 in.
1/2 in. thick,	2/6	4/-	6/-	9/- ea.
1/4 in. "	5/6	7/-	9/-	12/6 ea.



Rebating Gauge.

No. 1050W.

For Picture Frames. With Adjustable Knife and Fence.

Price ... 1/3 each.



Mount Cutters' Knives.

No. 1051W.

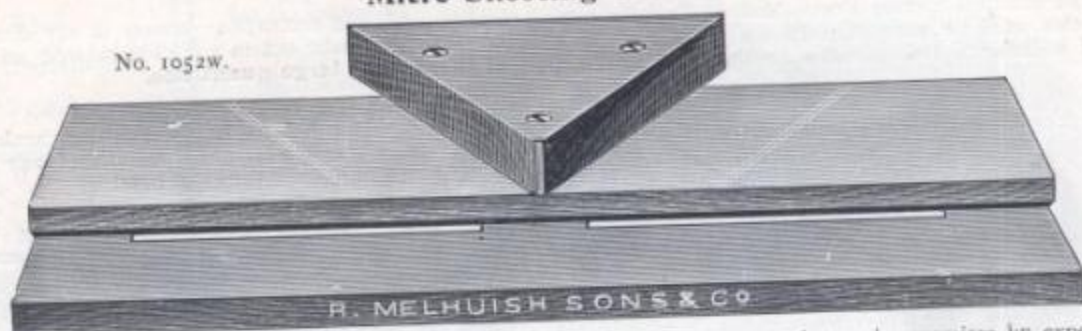
Blades only	... ..	6 each.
Handles only, Rosewood with brass ends	... ..	1/3 "
Ditto, Ebony, brass-plated, as drawn	... ..	1/9 "



A large and varied Stock of Engineers' Tools and Motor Accessories.

Mitre Shooting Board.

No. 1052W.

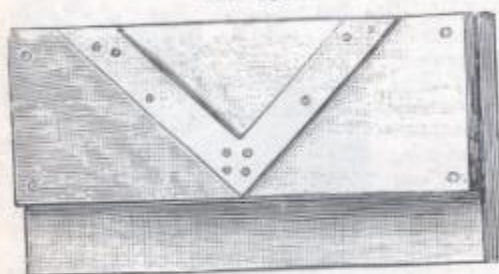


Improved Pattern with Mortised Joints and Outlet for Shavings. These are made on the premises by experienced workmen, and are guaranteed to be strongly and accurately constructed.

Made in Best Selected Basswood, 3 ft. long	...	...	...	...	...	Price 5/6 each.
Made in Best Seasoned Wainscot Oak, 3 ft. long	...	...	...	...	...	" 8/6 "

Mitre Shooting Boards.

No. 1053W.

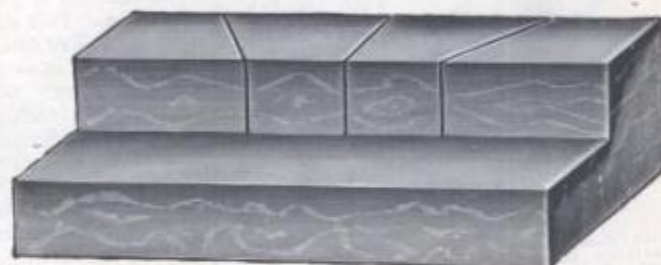


Made of Selected Whitewood.

Size: 24 x 11 in. ... 3/- each.

Mitre Blocks.

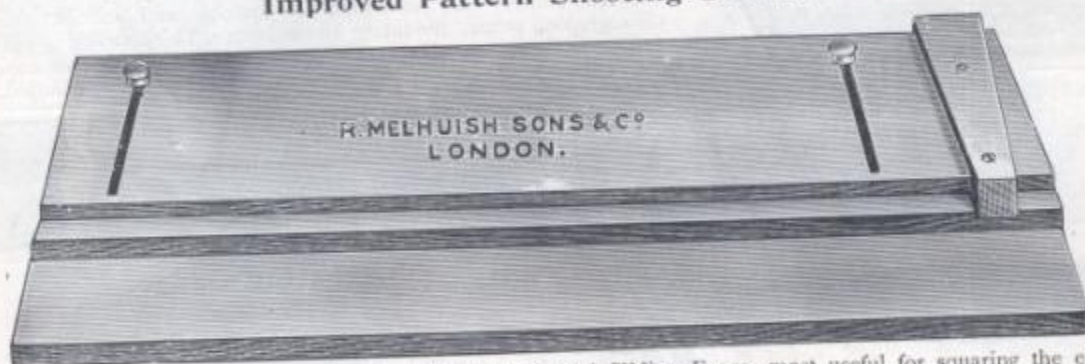
No. 1054W.



Best Beech Mitre Blocks,

9 in., -/10	...	12 in., 1/3	...	16 in., 1/9 each.
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Improved Pattern Shooting Boards.



Improved Pattern Shooting Board with Adjustable Parallel Sliding Fence, most useful for squaring the edges of boards and joints before gluing, and many other purposes.

Price, as illustrated, in Basswood.

	3	4	5	6 ft.
No. 1055W.	6/-	7/-	8/3	9/3 each.

If without Adjustable Fence, 4/- 5/- 6/3 7/3 "

Price, as illustrated, in Oak.

	3	4	5	6 ft.
No. 1055W.	8/-	9/6	11/-	12/6 each.

If without Adjustable Fence, 6/- 7/6 9/- 10/6 "

Contractors to the Home, Indian, and Colonial Governments.

Mitre Shooting Table. No. 1057W. Size 18 x 5 in.

The Metal Table has a carefully machined surface with all the more prominent parts nickel-plated and polished. The Angle Plate is adjustable. This is operated by a Pin, which drops into a hole in the Table, permitting of adjustment to any of the following angles:—15, 22½, 30, 45, 60, 67½, 75, and 90 degrees.

There is also an independent Clamping Screw which, by means of three tapped holes and a radial slot, will secure the Plate at any intermediate angle.

Holes are provided in the sides on the Angle Plate, on which wood blocks may be fixed to support the work for delicate shooting or for special sections.

Price 5/6. Post free 6/3.

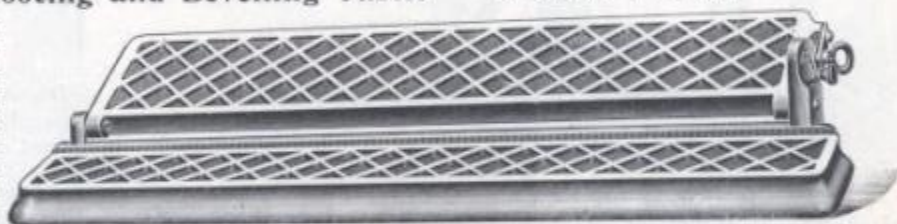


Metal Shooting and Bevelling Table. No. 1058W. Size 18 in.

This tool, while generally similar in design and construction to the above, is for bevelling work. The adjustable Tilting Plate is hinged at both ends, and is regulated by a Quadrant at right hand, as shown. The Quadrant is provided with a pin, which drops into holes at the following angles:—15, 30, 45, 60, 75, and 90 degrees. It is also supplied with a Clamping Plate and Screw, by means of which any intermediate angle may be secured.

The Shooting Table has a machined surface, and all the prominent parts are nickel-plated and polished.

Price 5/-. Post free 5/9.



Mitre Boxes. No. 1059W.



With Malleable Iron Guides adjustable to any gauge of saw. Takes mouldings up to 3 in. wide.

Price 2/6 each.

Combined Square and Mitre Template.



No. 1061W.

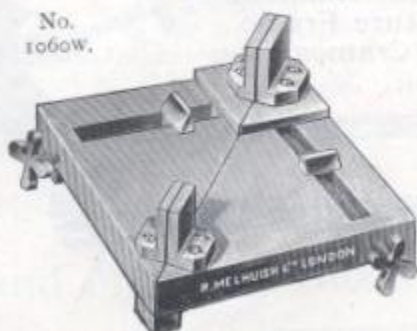
Made in Iron, Japanned.

A new and useful Tool for Mitring or Squaring up the ends of wood, etc.

Price 1/6 each.

Melhuish's Combined Mitre Cutter and Cramp.

No. 1060W.



In Beech, fitted with Adjustable Iron Clamp Screws at right angles to each other, so that frame to be cut can be held rigidly in its true position. The

Upright Guide Pieces can be replaced at a cost of a few pence. Takes Mouldings up to 3½ in. wide.

Price 6/6 each.

Brass Mitre Templates.

No. 1062W.



Sizes ... 3½ 4½ 6 in.

Prices ... 1/3 1/6 1/9 each.

Square Templates, Beech, -/6 each.

Bronze Medal, 1884.—Gold Medal, 1890.

Patent Improved Cramping Machine.

No. 1063W.



In Japanned Malleable Iron. By turning the centre cranked handle the four arms are drawn in and the four mitres are instantly closed and are nailed without a chip, rubbers being supplied with grips for protection.

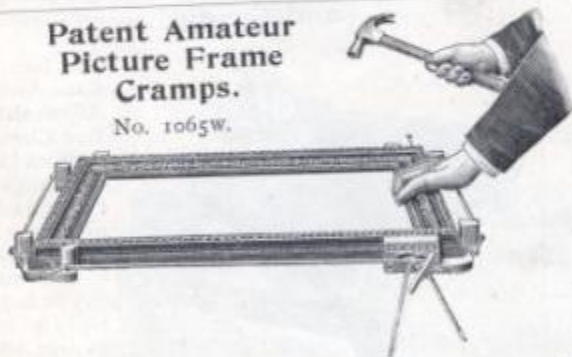
To cramp from 3×2 to 36×48 in.

Height of Stand, 30 in.

Price 46/- each.

Patent Amateur Picture Frame Cramps.

No. 1065W.



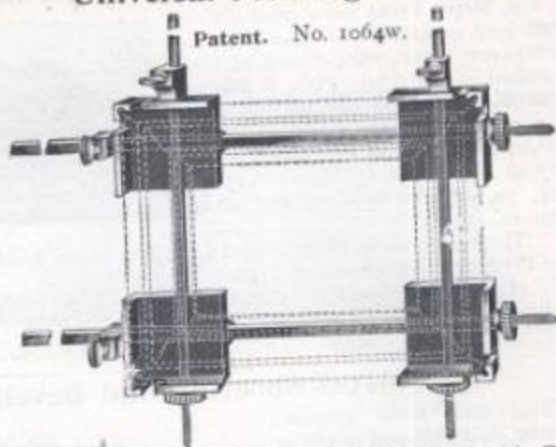
Cramps four corners at once, and holds them as in a vice until nailed.

The Corner Grips are strongly made of Hardwood. An iron ratchet wheel and plate is fixed on one grip, and a special strong unstretchable cord is passed through the eyes (fixed in the grips) and lies in grooves in the bottom of grips. The two ends of cord pass through a slot in ratchet handle and are drawn in from both ends so that both ends wind up at once, are screwed up tight, and fixed by the ratchet stopper. The cord is out of the way of nailing, and the grips bear so firmly against the frame that the grips cannot spring from the frame.

Price 3/9, packed in box; Postage -/4.

Universal Framing Cramp.

Patent. No. 1064W.



Best Cast Iron Corner Plates, accurately fitted with Cold Drawn Steel Rods.

This Cramp is specially suitable for round, oval, or square work. It is most effective, and easily and quickly manipulated. The Bars can be supplied any length that may be required for increasing the cramping capacity.

To cramp up to 3 ft. 3 in. square ... 11/6 per set.
" " larger sizes ... extra -/9 " foot.

Four-Corner Chain Cramp.

No. 1066W.

Effective, cheap, and thoroughly recommended. Will take any intermediate size and shape of Frame up to 33×27 in.



This Cramp has four metal corner brackets which hold the mouldings securely. Each bracket has a stretcher rod (with screw and wing nut) and a chain, by means of which the mouldings are brought together. By having four separate chains instead of one long one, the necessary pressure may be exercised where it is most required.

Complete with Four Stops for holding down moulding 6/- each.
Without Stops 5/- "
Postage -/5 extra.

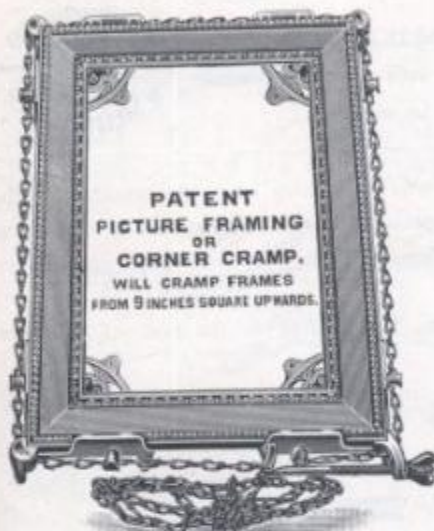
Carriage Forward.

Tool, Machine, and Hardware Merchants and Manufacturers.

Patent Framing or Corner Cramps.

No. 1067w.

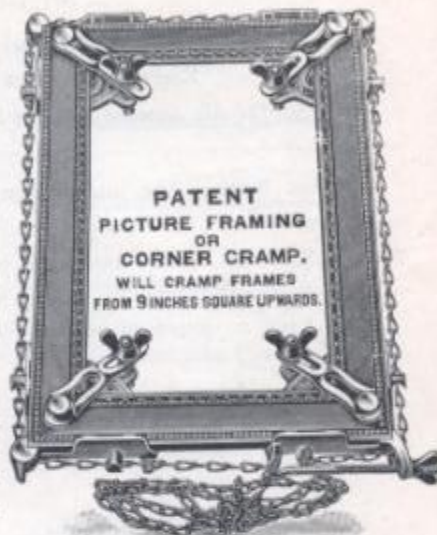
Accurately made, nickel plated, and will cramp from 9 inches upwards, and take in mouldings up to $3\frac{1}{4}$ inches. Each Cramp is supplied with 10 feet of chain.



No. 1. Price, with 10 ft. Chain, $7/6$ set.
Postage 7d.

Each set consists of Four Corner Cramps which have projecting lugs with holes through which the Chain passes and surrounds the entire frame. This Chain is operated upon by means of a hooked screw and fly nut. When the Chain is passed round the Frame, the hook is inserted in any convenient link, and then screwed up tightly by means of the hooked screw and fly nut.

No. 2 is supplied with Top Corner Pressure Grips for pressing down the pieces of frame when nailing, and being fitted with rubber underneath, will not damage the moulding.

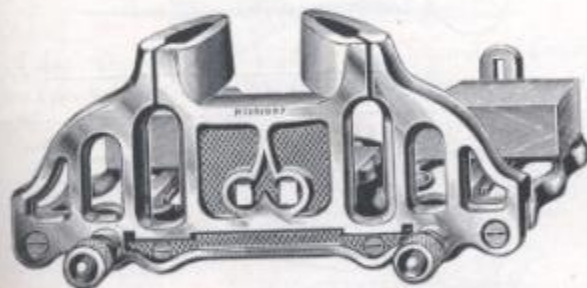


No. 2. Price, with Top Corner Pressure Grips and 10 ft. Chain, $10/6$ set.
Postage 7d.

Adjustable Mitre Box.

All Iron, and will take Mouldings up to 3 in.

No. 1068w.



In this pattern the Saw Guides adjust themselves to the varying thicknesses of saw blades, and the two grips for holding the moulding firmly while sawing are tightened by means of milled nuts.

When fixing Mitre Box to work bench place front of box level with edge of bench, so as to allow freedom for tightening the adjusting milled nuts. Never attempt to use the Mitre Box until it is firmly screwed to the bench.

Price, $7/6$ each. Postage 5d.

Carpenter's Table Bench and Mitreing Block.

No. 1069w.



As a Mitreing Block.

Of thoroughly seasoned Beech, and fitted with two Bench Screw-Jaws, two Iron Stops, and Steel Cramp for fastening to table.



As a Carpenter's Bench.

The Table Bench is fastened to an ordinary table by means of the Steel Cramp, and forms a perfect carpenter's bench (see fig. 2). Fig. 1 shows the Table Bench turned on one side for use as a Mitreing Block. The front bench screw then forms a cramp for fixing to the table.

When not in use it can be hung on the wall by means of the two steel hinges at end of bench. Made in one size only: 36 in. long \times 19 $\frac{1}{2}$ in. wide \times 1 $\frac{1}{2}$ in. thick.

Price 17/6 each.

For Benches and Melhuish's Patent Work-Bench Tool Cabinets, refer to pp. 193-206.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

Wood-Carving Tools.

No. 1071W.

S. J. ADDIS' celebrated make, as supplied to Carving Schools throughout the Country.

SPECIAL TERMS TO TECHNICAL CLASSES.

We hold the largest and best selected stock of Carving Tools in the trade.

Every size and section kept in stock ready for immediate delivery.

All patterns advance by sixteenths up to $\frac{1}{2}$ in., and then by eighths.



PLEASE NOTE:—The prices given herewith are for Carving Tools ground to a sharp edge, but not "set." It will be recognised that it is not possible to keep Tools in stock with specially finished edges without damaging them. As many of our customers prefer to set and buff their own Carving Tools, we send them out (unless ordered otherwise) ground to a sharp edge.

We have an improved method of buffing and setting Carving Tools, and charge at the rate of 1/6 per dozen extra.

Instructors of Technical Classes wishing to grind their own Tools can be supplied in quantities at special prices.

FIRMERS		No. 1	
CORNER FIRMER		No. 2	
From $\frac{1}{32}$ in. and all sizes up to	$\frac{1}{16}$ $\frac{3}{32}$ $\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$ 1 $1\frac{1}{8}$ $1\frac{1}{4}$ in.		
Price ...	... -/7 -/8 -/9 -/10 1/- 1/1 ea.		

		No. 10	
Sizes from $\frac{1}{32}$ in. to	$\frac{1}{16}$ $\frac{3}{32}$ $\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$ 1 $1\frac{1}{8}$ $1\frac{1}{4}$ in.		
Price ...	... -/9 -/9 -/10 1/1 1/3 1/5 1/9 ea.		

		No. 11	
Sizes from $\frac{1}{32}$ in. to	$\frac{1}{16}$ $\frac{3}{32}$ $\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$ 1 $1\frac{1}{8}$ $1\frac{1}{4}$ in.		
Price ...	... -/10 -/10 1/1 1/2 1/4 1/9 2/1 ea.		

STRAIGHT GOUGES		No. 3	
		No. 4	
		No. 5	
		No. 6	
		No. 7	
		No. 8	
		No. 9	
Sizes from $\frac{1}{32}$ in. to	$\frac{1}{16}$ $\frac{3}{32}$ $\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$ 1 $1\frac{1}{8}$ $1\frac{1}{4}$ in.		
Price ...	... -/8 -/8 -/9 -/10 -/11 1/1 1/3 ea.		

CURVED GOUGES.		No. 12	
		No. 13	
		No. 14	
		No. 15	
		No. 16	
		No. 17	
		No. 18	
Sizes from $\frac{1}{32}$ in. to	$\frac{1}{16}$ $\frac{3}{32}$ $\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$ 1 $1\frac{1}{8}$ $1\frac{1}{4}$ in.		
Price ...	... -/9 1/2 -/9 1/2 -/11 1/2 1/4 1/7 1/9 ea.		

A large and varied Stock of Engineers' Tools and Motor Accessories.

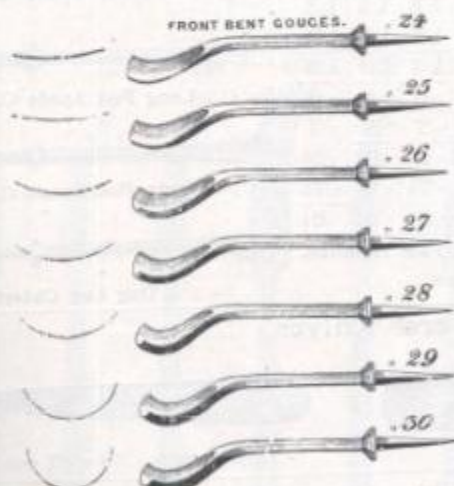
Carving Tools (continued).



Sizes $\frac{1}{8}$ to $\frac{1}{2}$ in. $\frac{3}{8}$ $\frac{7}{8}$ 1 $1\frac{1}{8}$ $1\frac{1}{4}$ $1\frac{3}{8}$ $1\frac{1}{2}$ in.
Price -/11 -/11 1/2 1/4 1/7 1/9 2/1 2/5 3/- each.



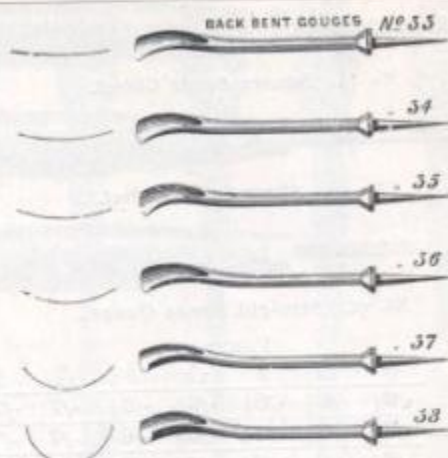
Sizes $\frac{1}{32}$ to $\frac{3}{4}$ in. $\frac{1}{8}$ 1 $1\frac{1}{8}$ $1\frac{1}{4}$ $1\frac{3}{8}$ $1\frac{1}{2}$ $1\frac{3}{4}$ 2 in.
Price -/8 $\frac{1}{2}$ -/10 $\frac{1}{2}$ 1/2 1/4 1/7 1/9 2/1 2/7 3/- each.



All sizes up to $\frac{3}{8}$ in. $\frac{1}{4}$ $\frac{7}{8}$ 1 $1\frac{1}{8}$ $1\frac{1}{4}$ $1\frac{3}{8}$ $1\frac{1}{2}$ in.
Price ... -/9 $\frac{1}{2}$ -/10 $\frac{1}{2}$ 1/2 1/4 1/7 1/9 2/1 2/6 each.



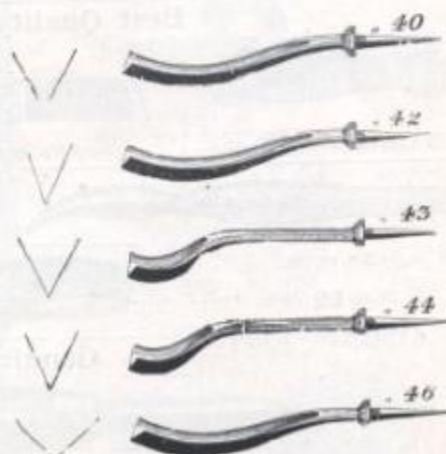
All sizes up to $\frac{1}{2}$ in. $\frac{3}{8}$ $\frac{7}{8}$ 1 $1\frac{1}{8}$ $1\frac{1}{4}$ $1\frac{3}{8}$ $1\frac{1}{2}$ in.
Price ... -/11 -/11 1/2 1/7 1/9 2/1 2/6 3/- each.



All sizes up to $\frac{3}{8}$ in. $\frac{1}{4}$ $\frac{7}{8}$ 1 $1\frac{1}{8}$ $1\frac{1}{4}$ $1\frac{3}{8}$ $1\frac{1}{2}$ in.
Price ... -/9 $\frac{1}{2}$ -/10 $\frac{1}{2}$ 1/2 1/4 1/7 1/9 2/1 2/6 each.



All sizes up to $\frac{1}{2}$ in. $\frac{3}{8}$ $\frac{7}{8}$ 1 in.
Price ... -/11 $\frac{1}{2}$ 1/2 1/5 1/9 2/2 each.



All sizes up to $\frac{1}{2}$ in. $\frac{3}{8}$ $\frac{7}{8}$ 1 in.
Price ... 1/1 1/3 1/6 1/10 2/3 each.

Contractors to the Home, Indian, and Colonial Governments.

Beech Handled Spade Carving Tools (Unshouldered). No. 1072W.



No. 96. Square Spade Chisel.



No. 97. Skew Spade Chisel.



No. 91. Straight Spade Gouge.

		PRICES:						
		$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{1}{2}$ in.
No. 96 ...		6½	6½	6½	6½	6½	7	7 each.
" 97 ...		6½	6½	6½	6½	6½	7	7 "
" 98 ...		6½	6½	6½	6½	6½	7	7 "



No. 101. Bent Spade Chisel.



No. 104. Bent Spade Gouge.



No. 106. Spade V Parting Tool.

		PRICES:						
		$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{1}{2}$ in.
No. 101 ...		7	7	7	7	7	7	8 each.
" 104 ...		8	8	8	8	8	8	9 "
" 106 ...		10	10	10	10	10	10	11 "



No. 47. Veining Tool.



No. 48. Macaroni Tool, Straight.



No. 49. Macaroni Tool, Bent.



No. 51. Flutteroni Tool.



No. 52. Flutteroni Tool.

		PRICES AND SIZES (Unhanded).						
		$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{1}{2}$
No. 47		8	8	8	—	—	—	—
" 48		1½	1½	1½	1½	1½	1½	1½
" 49		1½	1½	1½	1½	1½	1½	1½
" 51		1½	1½	1½	1½	1½	1½	1½
" 52		1½	1½	1½	1½	1½	1½	1½
" 53		6	6	6	6	6	6	6
" 54		7	7	7	7	7	7	7
" 55		6½	6½	6½	6½	6½	6½	6½
" 56		7½	7½	7½	7½	7½	7½	7½
" 57		8½	8½	8½	8½	8½	8½	8½

No. 1073W. Beech Carving Tool Handles.

1/6 per doz. extra.



No. 53. Fish Tail Spade Chisel.



No. 54. Fish Tail Spade Gouge.



No. 55. Long Pod Spade Chisel.



No. 56. Long Pod Spade Gouge.



No. 57. Dog Leg Chisel.

Best Quality Wood Carvers' Knives.



No. 1074W. Price -/7 each.



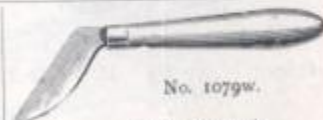
No. 1075W. Price -/7 each.



No. 1076W. Price -/7 each.


No. 1077W.
Price 1/2 each.

No. 1078W.
Special Wood Carvers' Knife.
With Fixed Blade. Price 1/- each.

No. 1079W.
Price -/8 each.


No. 1080W.



		Nos. 5	4	3	2	1	0	
Length when open		4	4½	5	6	7	7½	in.
Price		1/-	1/-	1/3	1/3	1/4	1/9	each.

No. 1081W. With Blade and Corkscrew:

		Nos. 3	2	1	
Price		1/10	2/-	2/3	each.

Bronze Medal, 1884.—Gold Medal, 1890.

Sets of Straw-Coloured Carving Tools.

No. 1082w.



The construction of these tools renders them specially well suited for ladies' use, although frequently adopted by workmen also. They are nicely finished, having straw-coloured tempered surface, and fitted with shaped Beech Handles. If required with Rosewood or Ebony Handles, an extra charge of 1/6 per doz. is made.

Sets of ...	12	24	36 tools.
Price ...	10/-	19/-	28/6 per set.

Rifflers.

No. 1083w.

Nos. A to H, with Rasp one end and File the other, in various shapes, for Carvers and Cabinetmakers.

Price ... -/9 each.

Carvers' Screws. No. 1084w.



With Black Wing Nut :

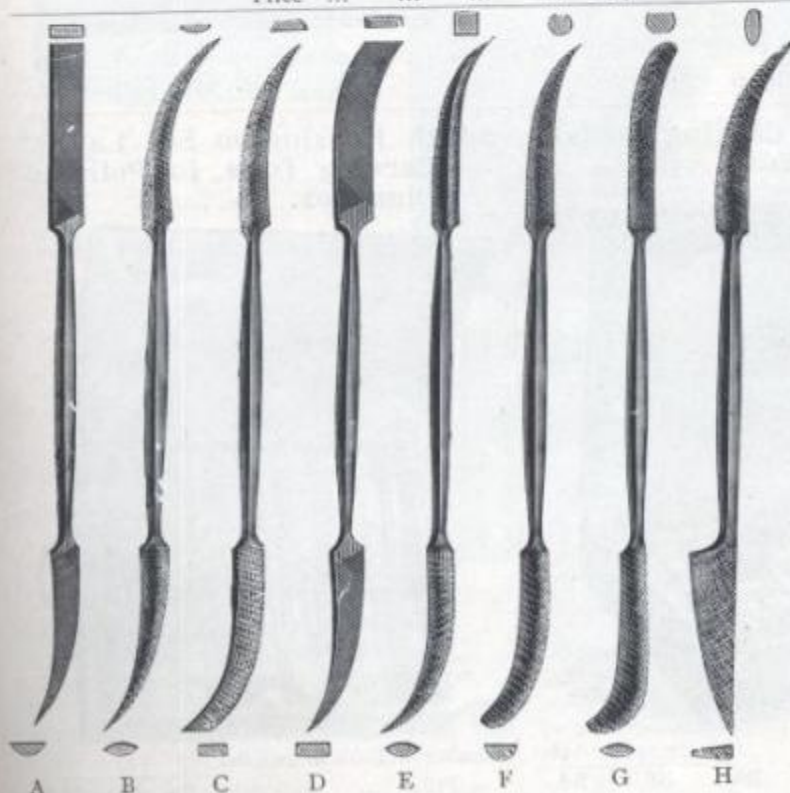
8 x 1/2	8 x 3/4	10 x 1 in.
Price 2/3	2/6	3/3 each.
Superior Make, Bright Finish :		
8 x 1/2	8 x 3/4	10 x 1 in.
Price 3/6	3/9	5/- each.

Carvers' Mallets.

No. 1085w.
Polished Beech.



3 in.
1/3 each.
3 1/2 in.
1/6 each.
4 in.
1/9 each.



Tool, Machine, and Hardware Merchants and Manufacturers.

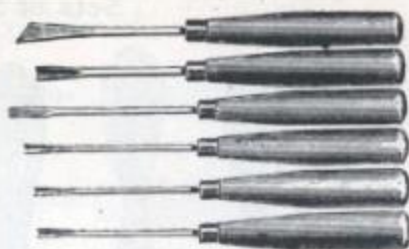


Set of 12 Spade Carving Tools.

No. 1086w.

In Beech Handles ... 9/-

In Boxwood Handles ... 10/-



Set of 24 Ladies' Handled Carving Tools, in Polished Pine Box.

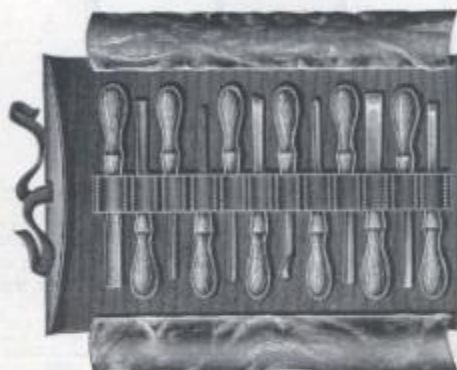
No. 1087w.



Number of Tools in each Set	6	12	18	24	36
Price ...	7/6	13/3	20/6	27/6	41/-

Set of 12 Ladies' Handled Carving Tools, in Cloth-lined Canvas Roll.

No. 1088w.



Number of Tools in each Set	12	18	24
Price ...	15/-	20/-	27/-

Set of 36 Ladies' Handled Carving Tools, in Polished Mahogany Box. No. 1089w.



Number of Tools in each Set	6	12	18	24	36
Price ...	12/6	19/-	28/-	36/-	54/-

South Kensington Set Ladies' Carving Tools, in Polished Pine Box. No. 1090w.



Number of Tools in each Set	7	12	18
Price ...	9/-	14/-	19/6

Orders of 20/- and upwards Carriage Paid (with few exceptions).

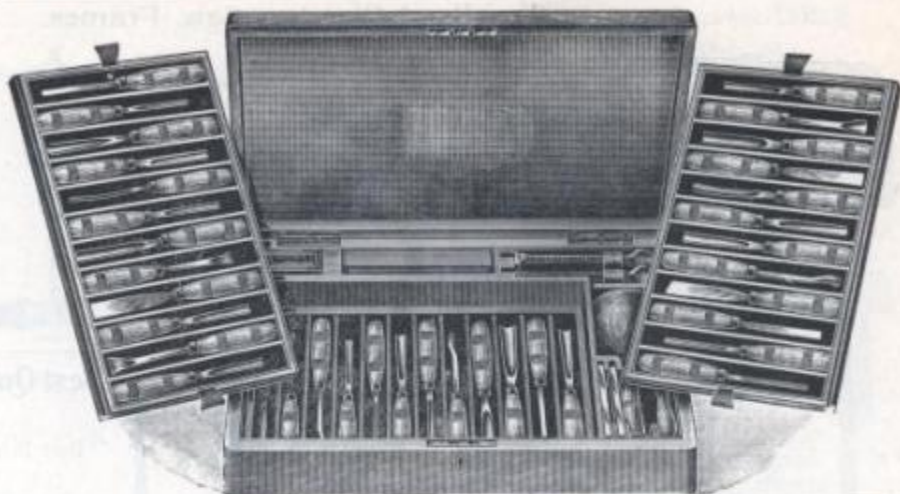
Presentation Outfit.

No. 1091W.

Presentation Wood Carvers' Outfit in Polished Oak Case, Plush-lined, 20 in. x 13 in. x 4½ in., with 36 Rosewood Handled Tools, Mallet, 2 Punches, 2 Cramps, Bent Knife, Set of Arkansas Slips, Cased Oilstone, etc.

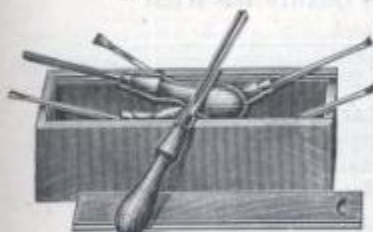
PRICE:

£4 : 12 : 6 complete.



Set of 6 Boys' Carving Tools, in Wood Box.

No. 1092W.



6 Tools in a Set ... 4/2 each.
12 " " " ... 7/8 "
In Cardboard Box, 2/8 and 5/2 "

Chip Carving Rack.

No. 1095W.

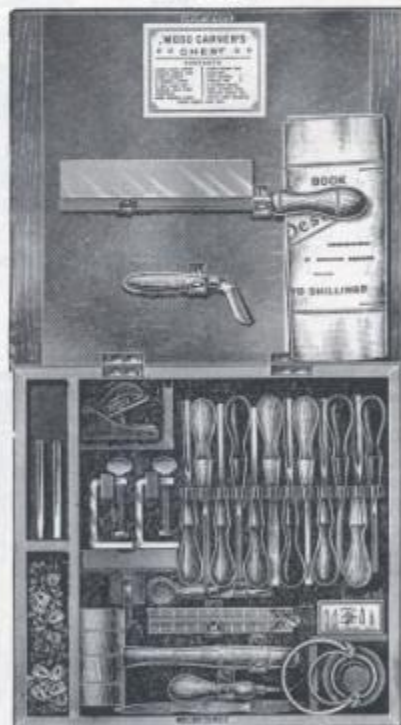


Polished Pine Rack, with 5 Tools, Mallet, Punch, Cramp, Bent Knife, Oilstone, Compass, Sheet of Designs, etc.

Price 10/- each complete.

Wood Carvers' Outfit.

No. 1093W.



Polished Pine Lock-up Box, 16 in. x 15 in. x 3 in., with 12 Hardwood Handled Tools, Mallet, 2 Punches, Book of Designs, 2 Cramps, Router, Riffler File, Set of Arkansas Slips, Block Plane, Glue Kettle, Brass Back Saw, Awl, Boxwood Rule, Turncrew, Hanging Plates and Screws, etc.

Price ... 31/- each complete.

Chip Carving Outfit.

No. 1094½W.



No. 1094W.—Polished Pine Box, with 3 Tools, Mallet, Punch, Book of Instructions, Sheet of Designs, Oilstone, 3 Brushes, Bottle of Stain, Bottle of Polish, etc.

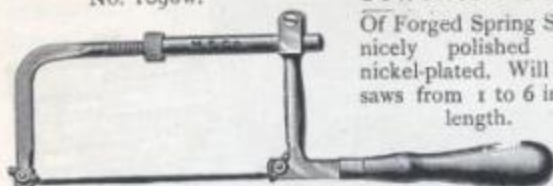
Price 10/- each.

No. 1094½W (as Illustrated).—Polished Pine Box, with 6 Tools, Mallet, Punch, Book of Instructions, 2 Sheets of Designs, Cramp, Oilstone, Compasses, 6 Brushes, 3 Bottles Stain, 1 Bottle Polish, etc.

Price 20/- each complete.

A large and varied Stock of Engineers' Tools and Motor Accessories.

No. 1096W.



Jewellers' Piercing Saw Frames.

Of Forged Spring Steel, nicely polished and nickel-plated. Will hold saws from 1 to 6 in. in length.

Price 3/- each.

Best Quality Fretsaw Frames.

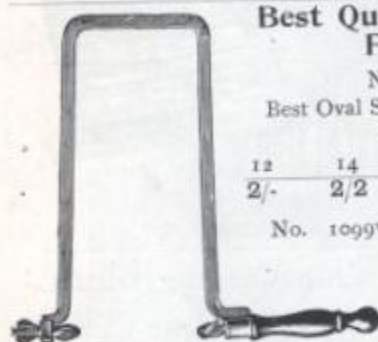
No. 1098W.

Best Oval Steel with Tightening Screws.

12	14	16	18 in.
2/-	2/2	2/4	2/6 each.

No. 1099W. Cheaper Quality Frames.

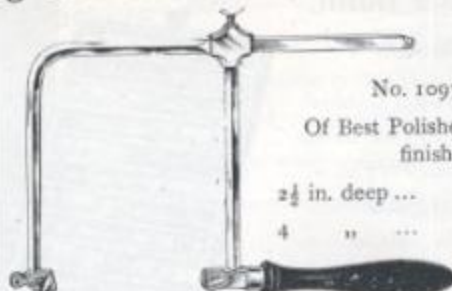
12 in.	...	1/- ea.
14 "	...	1/2 "



No. 1097W.

Of Best Polished Steel, well finished.

2 1/2 in. deep	...	1/6 each.
4 "	...	2/9 "



Best Quality Fretsaw Frames.

No. 1100W.

Best Bright Flat Steel with Tightening Screws.

12	14	16 in.
1/10	2/-	2/2 each.



Fretsaw Blades.



No. 1101W. Melhuish's Special Quality for Wood.

	No. 00 to 6	7	8	9	
By the gross	...	1/6	2/-	2/-	2/6 per gross.
" doz.	...	-/2	-/2 1/2	-/2 1/2	-/3 " doz.

No. 1102W. The Celebrated Star Fretsaw Blades.

No. 0 to 6	...	Price -/3 1/2 per doz.	...	2/9 per gross.
" 8	...	-/4 1/2	"	3/9 "
" 10	...	-/5	"	4/6 "

No. 1103W. Melhuish's Special Quality for Metal.

	No. 0 to 6	7	8	
By the gross	...	2/10	3/3	3/6 per gross.
" doz.	...	-/4	-/5	-/6 " doz.



Fretwork Outfits.
Good workable Tools with 12 in. Buhl Frames.

No. 1104W.

With 8 Articles, 1/6 each.

No. 1105W.

With 11 Articles, as illustrated, 2/- each.

No. 1106W.

With 12 Articles, including better fitted Drill Brace and a pair of Pliers, 2/6 each.

No. 1107W.

With 14 Articles, 3/3 each.



Fretwork Outfits.

No. 1108W.

With 13 Articles, including superior Drill Brace, Gimlet and Nickel-plated Frame, 4/- each.

The foregoing are fastened to Cards by patent Metal Clips so that the Tools can be taken off and fixed on again.

No. 1109W.

In Box with 13 Articles, as illustrated, fitted with superior Nickel-plated Frame, 5/6 each.

No. 1110W.	Fretwork Rasps and Files, made in 6 shapes...	...	1/3 per doz. Rasps or Files, length 6 in.
No. 1111W.	Cards with 6 on a Card, Assorted Shapes ...	...	+/8 per card.

Contractors to the Home, Indian, and Colonial Governments.

Fret-cutting Table and Vice Combined

No. 1112W.

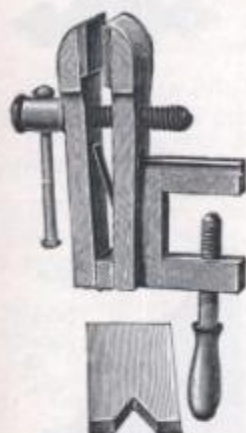
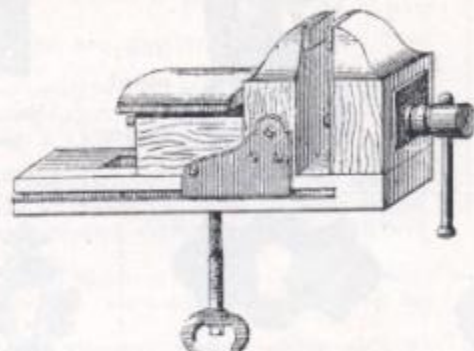


Table 8½ in. x 3 in.
Vice 9 in. high.
Price ... 2/6 each.

Hardwood Vices.

Specially made for Sculptors and Gunsmiths. Largely in use at Bisley and other Camps.



Length 14 in. Width of Jaw 2½ in. Opening 8 in. Price ... 18/6

No. 1113W. With Brass plates on side ...

First-class workmanship throughout.

Fret-cutting Boards.

No. 1114W.



Wood Cramp and Table with metal strengthening piece.

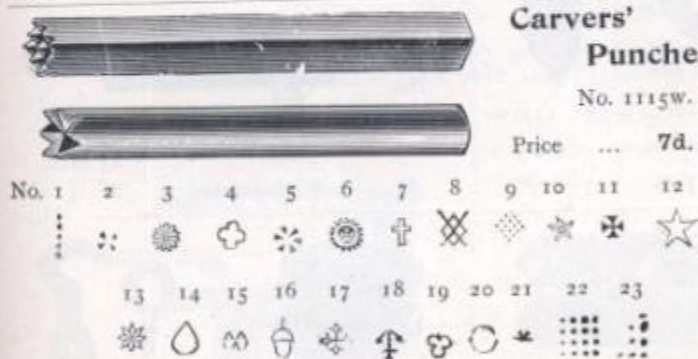
Price ... 1/3 each.

Cheaper patterns, -/3 and -/6 each.

Carvers' Punches.

No. 1115W.

Price ... 7d. each.



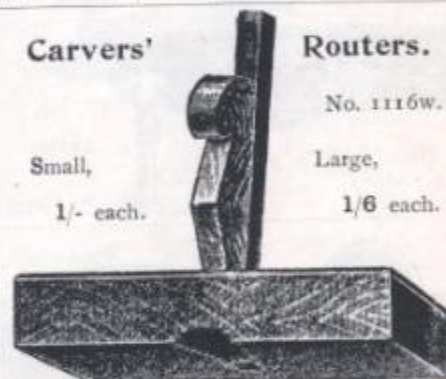
Carvers' Routers.

Routers.

No. 1116W.

Small, 1/- each.

Large, 1/6 each.



Specially Prepared Woods for Fretwork.

No. 1117W.

Planed by hand and machinery, and full measurement given. Each board from 3 ft. to 4 ft. 6 in. long. All woods are carefully selected and seasoned.

Thickness of Wood.	½	⅓	¼ in.	Thickness of Wood.	½	⅓	¼ in.
Mahogany ... per ft.	-/3½	-/4	-/5	Rosewood ... per ft.	1/-	1/2	1/6
Black Walnut ... "	-/5	-/6	-/7	Cedar ... "	-/4	-/5	-/6
Oak ... "	-/5	-/6	-/7	Basswood ... "	-/3	-/3	-/5
Ebonised Blackwood ..	1/-	1/3	1/6	White Holly ... "	-/9	-/10	1/-

We make up very choice and useful assortments of Fretwood in parcels of 10/-, 20/-, and 30/- in value, well assorted.

Prepared Woods for Cabinet Making and General Purposes.

No. 1118W.




















A large selection of well-seasoned woods always in stock. Prices given are subject to market fluctuations, and do not include carriage. Special quotations for quantities on receipt of specification. Prices per square foot, planed on both sides. If not planed, 2d. per foot less.

Thickness when Planed ...	½	⅓	¼ in.	Thickness when Planed ...	½	⅓	¼ in.
Basswood ...	-/6	-/7	-/8	Pine ...	-/5	-/6	-/7
Birch ...	-/6	-/8	-/10	Sycamore ...	-/10	-/11	1/2
Lime ...	-/11	1/2	1/4	American Walnut ...	-/11	1/2	1/4
Mahogany ...	-/10	1/-	1/4	White Deal ...	-/4	-/4½	-/5½
Oak ...	-/11	1/2	1/4	Yellow ..	-/5	-/6	-/7

Woods cut to Special Sizes charged extra.

Bronze Medal, 1884.—Gold Medal, 1890.

Fretwork Fittings.

 <p>No. 1119W. Nickel-plated, -9 per doz. pairs.</p>	 <p>No. 1120W. Brass, -3 doz. pairs.</p>	 <p>No. 1121W. Brass, 1/3 doz.</p> <p>Nickel-plated, 2/- doz.</p>	 <p>No. 1122W. Brass, -5 doz. pairs.</p>	 <p>No. 1123W. Nickel-plated, -8 per doz.</p>
 <p>No. 1124W. Brass, -6 each. Strong.</p>	 <p>No. 1125W. Nickel-plated, -3 doz.</p>	 <p>No. 1126W. Nickel-plated, -3 doz.</p>	 <p>No. 1127W. Brass, -6 doz.</p>	 <p>No. 1128W. Nickel-plated, -3 doz.</p>
 <p>Brass ... -4 each.</p> <p>No. 1129W.</p>	 <p>No. 1130W. Nickel-plated, -2 1/2 doz.</p>	 <p>No. 1131W. Brass, -2 1/2 doz.</p>	 <p>No. 1132W.</p> <p>Brass ... -2 1/2 each. Nickel-plated ... -3 "</p>	
 <p>No. 1133W. Brass, -2 doz.</p>	 <p>No. 1134W. Brass, -6 doz. Nickel-plated, -8 doz.</p>	 <p>No. 1135W. Brass ... -8 doz. Nickel-plated ... -9 "</p>	 <p>No. 1136W. Brass, -6 doz. Nickel-plated, -8 doz.</p>	 <p>No. 1137W. Brass, 1/- doz. pairs.</p>

Patent Metal Fret-Cutting Tables.

These Tables, made to supersede the wooden ones, are of softer metal than the Saws, and consequently do not injure them; although when the Saw touches the Table the worker is immediately aware of the fact.



Price ... -6 each.

No. 1138W.
Of Pressed Steel, nickel-plated and polished, and fitted with a strong Iron Cramp. This is the Cheapest and most Serviceable Cutting Table in the market, and superior in every way to the Wood Cutting Boards. Strongly recommended to those who are taking up fretwork for the first time.

No. 1139W.
The Table and Cramp being made separately, are more portable, less liable to breakage, and take up less room when not in use. They can, however, be instantly locked together by means of a simple but ingenious Socket. When fitted to a bench or a table they are absolutely rigid.



Dull Nickelled ... 1/- each.
Nickelled and Polished ... 1/6 "

Tool, Machine, and Hardware Merchants and Manufacturers.

"New Rogers" Fret Machine.

No. 1140W.

The latest improvements on this Saw are a new Blower and a new Clamp for holding the Saw Blades.

The Arbors, etc., are made of Steel, and are carefully gauged and fitted to their bearings.

The Bearings to the Arms are carefully sized to bring them in perfect line. (This is a vital point in the construction of any Jig Saw.)

We provide each Machine with a Dust Blower, which is a very great advantage.

Our Machine has a JOINTED Stretcher Rod, which allows the operator to throw the upper arm out of the way when adjusting his work or saw. This joint also permits the Machine to work much more freely than with a straight iron rod.

Our Clamps have a Hinged Jaw, which overcomes the disagreeable raking overthrow of the blade, which is unavoidable when the saws are secured rigidly to the arms.

The Balance Wheel is 4½ in. in diameter, with a handsome Spoke Centre, and a Rim of Solid Emery.

Our attachment for Drilling is on the right-hand side of the Machine.

Each Machine is set up and run and carefully inspected before leaving the works. It is then taken down and boxed.

With each Machine we give 12 Saw Blades, Wrench, Sheet of Designs, and 3 Drill Points. Weighs 25 lb.

Price complete, with Case 17/- each.

With Balance Wheel of Iron, instead of Emery, and with Japanned Table, instead of Nickel-plated, and fitted with Blower.

Price complete 14/6 each.



"The Star" Scroll Saw.

No. 1141W.

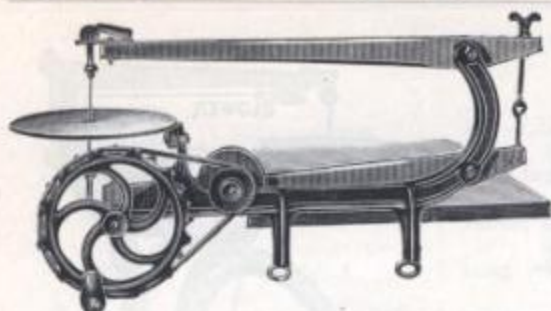
Our attention having been called to the demand for a machine of a little higher grade than the "Rogers" Saw, we now offer the "Star" to meet this want. The peculiar advantages of the "Star" over the "Rogers" may be summed up as follows:—

1. In method of hanging the Arms, giving them free and easy movement.
2. In adjustment of Arms so that they may be kept parallel with each other.
3. Heavier Drive Wheel for heavier work.
4. Two Balance Wheels, one each Iron and Emery, the extra weight of additional Wheel giving steadiness to the motion.
5. A Chuck for holding Drill Points.
6. The Emery Wheel is fastened by adjustable Clamps which can also be used for holding various other sizes of Emery Wheels, Grindstones, Buffing Wheels, etc.

To adjust the Arms, all that is necessary is to loosen the Bolt which goes through the Upper Arm in front of casting, and crowd the Arm sideways either to right or left and into line with the lower one; the hole in casting is elongated to permit of change in position as described. The Table is nickelled, and the general finish of the Saw same as other machines made by ourselves. It weighs, net, 37 lb., and boxed 55 lb.

Price 21/- each.

Orders of 20/- and upwards Carriage Paid (with few exceptions).



Hand Fret Machine.

No. 1142W.

With 7 in. Non-slipping Driving Wheel and Full-sized Handle. The Arm is fitted with Patent Lever Steel Clamps and new pattern Screws and Shackles.

This Machine will take work up to 18 in. in length.

Price, packed in box 10/- each.

Extra Patent Saw Clamps for the above, Hardened Steel Thumbscrews and Shackles for ditto, 1/6.

We stock and supply all the parts and fittings for the above machines.

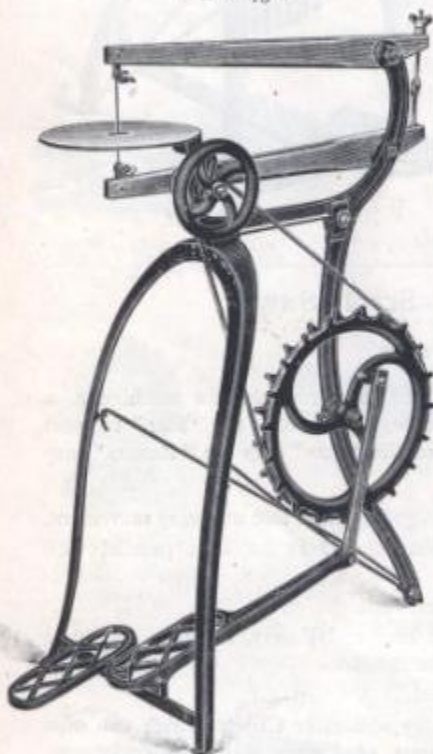
Treadle Stands for the above Machines of serviceable design and manufacture, consisting of Complete Frame, Treadle, Driving Wheel, Pitman Belt, etc. The Machine is simply and securely clamped to the Stand, in the same manner as to a Table, after the 7 in. Driving Wheel has been removed.

Price as described 7/6 each.

A Balance Wheel, Price - 8, may be added to give greater freedom in running.

Treadle Fretsaw.

No. 1143W.



A cheap and reliable pattern, with Enamelled Iron Frame, Patent Spring Clamps which will hold the finest saw, and Varnished Beech Arms which will take work 18 in. long and up to 1 1/2 in. thick.

Price, including Wrench, one dozen Saws, and Design ... 12/6
Extra Saw Clamps ... 1/6

Treadle Fretsaw.

No. 1144W.

With Drilling Attachment. A strong well-fitted machine of graceful design and accurate in working. The Arms, which are kept in position by trusses, have a Swing of 19 inches between Saw and Frame. They work on knife edges, and are fitted with connecting links which prevent them from flying off. There is a superior Tilting Table 10 1/2 in. diameter, also a useful Metal Tray. The Saw has a practically vertical stroke, cutting rapidly and accurately, and there is more room between the top clamp and the table than is the case with most machines.



Price, with Drilling Attachment as shown, and complete with Oil Can, Spanner, Screwdriver, 6 Drill Points, 1 dozen Saws, and 6 Designs £2: 2: 0
If without Drilling Attachment 1: 15: 0

Extra Patent Saw Clamps, plated, 2/6 per pair.

Carriage Forward.

A large and varied Stock of Engineers' Tools and Motor Accessories.

Lathes and Fret Saw Attachments.

No. 1145W.

This Lathe is large enough to do small useful work, and is supplied with all the tools and instructions needed for putting it into successful use.

The Lathe Bed is 24 in. long, 12½ in. between Centres, and 5 in. Swing. The Scroll Saw can be taken off by loosening one bolt. The quality and price of this Machine will ensure it a very large sale.

Price of Lathe and Tools with Scroll Saw

Attachment	£2 : 0 : 0
" " Attachment only	0 : 7 : 6
" " Circular Saw Attachment	0 : 4 : 6

We warrant all goods bearing our name to be perfect, so far as material and workmanship are concerned. If a tool proves too soft, or breaks in consequence of a flaw in the steel, and is returned within a reasonable time from the date of purchase, a new tool will be given in exchange. If it is broken where the steel is sound it cannot be exchanged.—Rd. MELHUISH, Ltd.



No. 1146W.

This Lathe is patterned almost exactly after the latest improved lathes now used in the best machine shops. The large Driving Wheel has two grooves, of varying depths, on its face. The Lathe Head is provided with a 2 in. face plate, a spur centre, a screw centre for turning cups, and also with a very nice drill chuck to hold ½ in. round twist drills for drilling wood or iron. It has also on the outer side of the pulley a solid Emery Wheel and Drill Spindle, with set screw to hold drill points. The Tailstock has a screw-feed centre, which is secured at any point desired by a clamping arrangement. It is also provided with a long and short Tool Rest, 5 Turning Tools, Wrench, Drill Points, etc., etc. Swing of Lathe, 5 in. Length of Bed, 24 in. Distance between Centres, 13½ in.

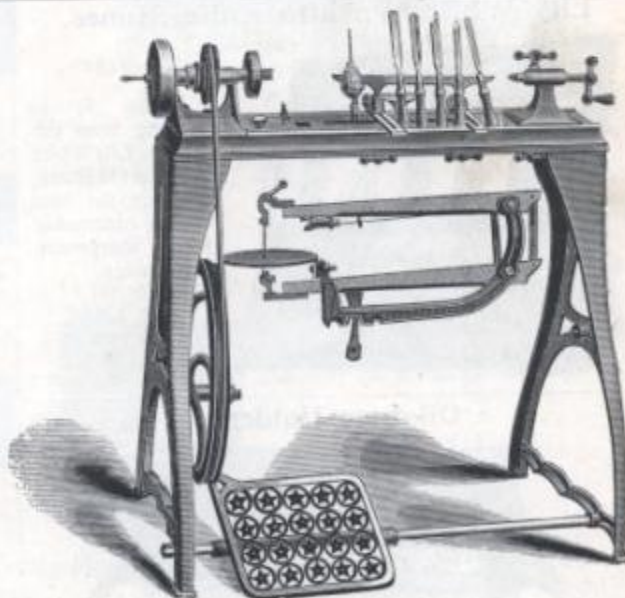
The Scroll Sawing Attachment (as seen in the cut) is secured to the Lathe Bed by one bolt, and can be put on or off at pleasure. This attachment has all the improvements.

The Circular Saw Attachment consists of a Saw Table 7 x 6 in., a Saw 3 in. diameter, and a Saw Arbor. The Lathe Rest Socket is used to support the table.

This Lathe is thoroughly built and highly finished, the planed and polished parts being nickel-plated.

Weight, 78 lb.

Price of Lathe and Tools with Scroll Saw Attachment, complete in Case	£2 : 10 : 0
" " Scroll Saw Attachment only	0 : 7 : 6
" " Circular Saw " "	0 : 4 : 6



Contractors to the Home, Indian, and Colonial Governments.



Washita Oilstones. No. 1147W.

Lily White, finest quality.

About 8 in. x 2 in. x $\frac{1}{4}$ in. ... 2/- each.
 " 9 " x 2 " x $\frac{1}{4}$ " ... 2/9 "
 " 9 " x 2 $\frac{1}{2}$ " x $\frac{1}{4}$ " ... 3/9 "

Cutlery Washita Stones.

About 10 in. x 2 $\frac{1}{2}$ in. x $\frac{1}{8}$ in. ... 5/- each.

No. 1 quality, prices on application.

Washita Bevelled Gouge Slips.

Assorted Thicknesses.

No. 1148W.



About 4 in. to 4 $\frac{1}{2}$ in. long, price -/9 each.

" 4 $\frac{1}{2}$ " 5 " " 1/- "

Washita Taper Stones.

No. 1150W.



About 5 in. long, tapering from 1 in. to $\frac{1}{4}$ in. diameter,
 price 1/6 each.

Mounted Washita Oilstones.



No. 1 quality.				No. 1149W.		
Size	4	5	6	7	8	9 inch.
Price	2/-	2/6	3/-	3/6	4/-	4/6 each.

Washita Wheels.

No. 1151W.

Diameter $\frac{1}{2}$ in. to 1 in.



	2	3	4	5	6 in.
	4/6	7/6	10/-	11/6	14/6 each.

Lily White Washita Knife Stones.

No. 1152W.

These Stones are cut from the famous Lily White Washita Oil Stone, and are the best article obtainable for sharpening pen-knives.

Size about
 4 x $\frac{7}{8}$ x 1 in.

Price -/8 each.



Turkey Stones.

No. 1153W.



About 7 x 2 x 1 in. Price 2/- each.
 " 8 x 2 x 1 " " 2/6 "
 " 9 x 2 x 1 " " 3/- "

Turkey Bevelled Gouge Slips. No. 1155W.



	Small.	Medium.	Large.
Price	-/8	-/10	1/- each.

Oilstone Holder.

No. 1154W.



By loosening the thumbscrews slightly the stone may be turned so as to bring either of its sides to the top.
 Price 1/6 each.

Mounted Turkey Stones. No. 1156W



Size	4	5	6	7	8	9 in.
Price	1/6	1/9	2/6	3/-	4/-	4/6 each.

Bronze Medal, 1884.—Gold Medal, 1890.

Arkansas Stones.

An excellent hard stone for producing a very keen edge on tools, specially those used by engravers, surgeons, dentists, etc.



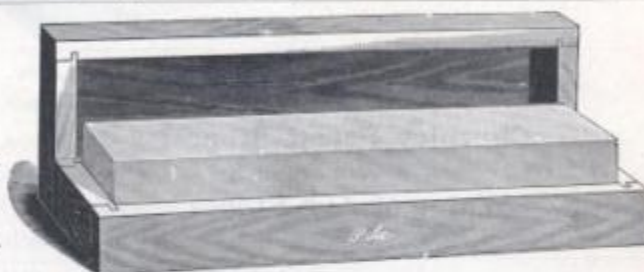
No. 1157W.

About	$4\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$ in.	...	...	...	3/9 each.
"	$5 \times 1\frac{1}{2} \times \frac{1}{2}$ "	...	...	...	6/- "
"	$5 \times 2 \times \frac{1}{2}$ "	...	...	...	4/6 "
"	$6 \times 2 \times 1$ "	...	...	...	12/- "
"	$8 \times 2 \times 1$ "	...	...	...	17/6 "

Mounted Arkansas Stones.

No. 1158W.

Size ...	$3\frac{1}{2} \times 1$	$4 \times 1\frac{1}{2}$	5×2 in.
Price...	2/6	4/-	6/6 each.
Size ...	6×2	7×2	8×2 in.
Price...	8/-	10/-	11/6 each.



Arkansas Bevelled Gouge Slips.



No. 1159W.	About ...	$3 \times 1\frac{1}{2}$	$4 \times 1\frac{1}{2}$	$3\frac{1}{2} \times 2$	5×2 in.
	Price ...	1/1	1/7	2/9	4/3 each.

Arkansas Penknife Hones.



No. 1160W. About $4 \times 1 \times \frac{3}{8}$ in., price 2/- each.

Arkansas Needle Points.



No. 1161W. Price ... 1/- each

Arkansas Triangular Files.



No. 1163W.	4 to 5 in. long by	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$ in.
	Price ...	1/2	1/6	2/- each.

Arkansas Square Files.



No. 1164W.	4 to 5 in. long by	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$ in.
	Price ...	1/2	1/6	2/- each.

Arkansas Carving Tool Slips.



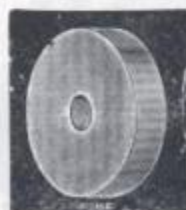
No. 1162W.

In cardboard boxes of four to a set. Price 2/9 per set.

Arkansas Wheels.

No. 1165W.

$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	4 in. diam.
8/6	11/-	13/9	16/6	22/- each.
$\frac{1}{4}$ to $\frac{1}{2}$ in. thick.				



New Pattern Emery Gouge Slipstone.

Owing to the large variety of curves along its edges, this slip is especially suitable for all sizes of tools with either inside or outside bevels.

No. 1166W.	6 in. long by	$2 \times \frac{3}{8} \times \frac{3}{8}$	in., fine grit,	3/1 each.
	9 " " "	$3 \times \frac{1}{4} \times \frac{1}{4}$	" " "	4/2 "



NOTE—We always endeavour to send as near as possible to sizes given, but we cannot bind ourselves to supply to exact dimensions.

Tool, Machine, and Hardware Merchants and Manufacturers.

Genuine Queer Creek Whetstones.



No 1167W.

This is a well-finished Hard Stone, which cuts quickly and imparts a good edge. It is specially suitable for Joiners' and Mechanics' Tools, and can be used either with water or oil.

Each Stone is 8 inches long, and is packed in a neat Cardboard Case.

Price 1/- each.

Best Canadian Stones.

No. 1168W.

Price -/6 -/8 -/10 each.

Charnley Forest Stones.

No. 1169W.

Price 1/- 1/6 2/- each.

Water of Ayr Stones.

No. 1170W.

Price -/6 -/9 1/- each.



Quick Cut Emery Oilstones. No. 1171W.

One Side Coarse and the other Medium.

Size 8 x 2 x 1 in. Price 1/9 each.

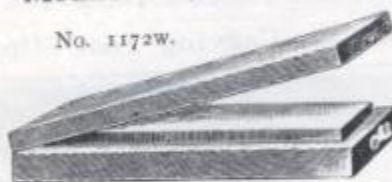
Quick Cut Gouge Slip, 4 1/2 x 1 1/2 x 1/2 to 1/4 in.

Price -/6 each.



Mounted Razor Hones.

No. 1172W.



In Hardwood Boxes with Hinged Lids.

Size	4	5	6	7 in.
Price	1/3	1/9	2/-	3/- each.

Razor Hones. No. 1173W.



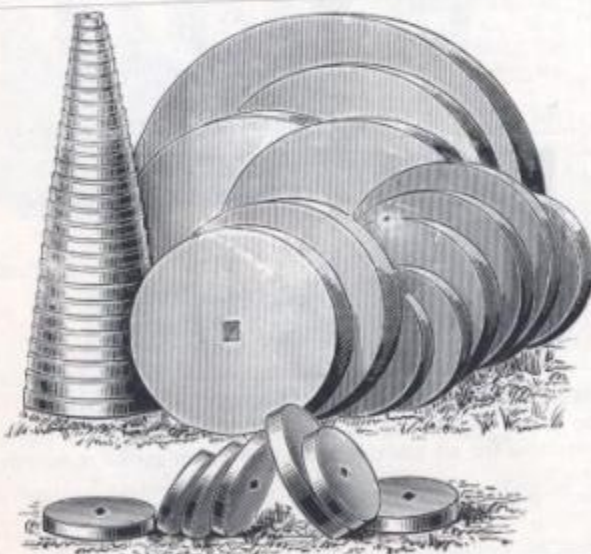
Fine Quality and very free from Blue Lines.

Size 5 6 7 8 9 in.

	5	6	7	8	9 in.
A. Natural Bed	1/3	1/6	2/6	4/3	6/6 each.
B. Laid on or Joined	-/10	1/-	1/8	3/3	4/9 "

No. 1174W. Unmounted Grindstones.

Turned Ready for Use.



Size	Bilston	Newcastle
6 1/2 x 1 1/2 in.	1/5 each.	1/8 each.
8 x 1 1/2 "	1/11 "	2/- "
10 x 2 "	2/6 "	2/3 "
12 x 2 "	2/9 "	2/6 "
14 x 3 "	3/4 "	3/3 "
18 x 3 "	4/9 "	5/- "
24 x 4 "	8/- "	8/6 "
26 x 4 "	9/3 "	10/6 "
28 x 4 "	12/- "	12/- "
30 x 5 "	15/6 "	18/- "
36 x 6 "	29/6 "	33/- "

Quotations for Larger Sizes on Application.

At Owner's Risk. Carriage Forward.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

India Oilstones (unmounted).

Prices of Stones only.
Fine and Medium same prices.

 No. 1175w. Size, $4 \times \frac{1}{2} \times \frac{1}{8}$ in. Price 1/9 each.	 No. 1176w. Size, $4 \times \frac{1}{2} \times \frac{1}{4} \times \frac{1}{8}$ in. Price 1/9 each.	 No. 1177w. Size, $4 \times \frac{1}{2} \times \frac{1}{4} \times \frac{1}{8}$ in. Price 1/9 each.	 No. 1178w. Size, $4 \times \frac{1}{2} \times \frac{1}{4} \times \frac{1}{8}$ in. Price 1/9 each.	 No. 1179w. Size, $4 \times \frac{1}{2} \times \frac{1}{4} \times \frac{1}{8}$ in. Price 1/9 each.
 No. 1180w. Size, $4 \times \frac{1}{2} \times \frac{1}{4} \times \frac{1}{8}$ in. Price 1/9 each.	 No. 1181w. Size, $4 \times \frac{1}{2} \times \frac{1}{4} \times \frac{1}{8}$ in. Price 1/9 each.	 No. 1182w. Size, $3\frac{1}{2} \times \frac{1}{2} \times \frac{1}{8}$ in. Price 1/9 each.	 No. 1183w. Size, $8 \times \frac{1}{2} \times \frac{1}{8}$ in. Price 1/9 each.	 No. 1184w. Size, $4 \times \frac{1}{2} \times \frac{1}{8}$ in. Price 1/9 each.
 No. 1186w. Size, $4 \times \frac{1}{2} \times \frac{1}{8}$ in. Price 1/6 each.	 No. 1187w. Size, $4 \times \frac{1}{2} \times \frac{1}{8}$ in. Price 1/6 each.	 No. 1188w. Special Gouge Slips (Fine only). Size, $6 \times 2 \times 1 \times \frac{1}{8}$ in. Price 2/8 each.	 No. 1189w. Size, $6 \times \frac{1}{2} \times \frac{1}{8}$ in. Price 2/6 each.	 No. 1190w. Engraver's Pencil. Fine one end, medium other. Price 1/6 each.
 No. 1191w. Points. Size, $3 \times \frac{1}{2}$ in. Price 1/9 each.	 No. 1192w. Size, $4 \times \frac{1}{2}$ in. Price 1/8 each.	 No. 1193w. Size, $4 \times \frac{1}{2}$ in. Price 1/8 each.	 No. 1194w. Heel Breasting Stone. Size, $6 \times 2 \times \frac{1}{2}$ in. Price 1/9 each.	 No. 1195w. Size, $4 \times \frac{1}{2}$ in. Price 1/6 each.

Combination India Oilstones.

No. 1196w.

These Stones have one face medium and one face coarse grade. The coarse side can be used for sharpening dull tools, or tools where fast work is required without regard to fine finish, while the

medium size can be used when a finer edge is required, or for finishing after the coarse side has been used.

Sizes	...	$6 \times 1\frac{1}{2} \times \frac{3}{4}$	$6 \times 2 \times 1$	$7 \times 2 \times 1$	$8 \times 1\frac{1}{2} \times 1\frac{1}{2}$	$8 \times 2 \times 1$ in.
Price	...	2/-	2/8	3/6	4/6	4/6 each.

India Oilstone Wheels.

No. 1197w.

These are of the same texture and material as the regular India Oilstone. They are made in the same variety of grades, and are used for the same purposes as the wheels made from natural stones, such as Washita and Arkansas.

Diam.	...	1	1½	2	2½	3	3½	4	4½	5	6	7	8	9	10	12 in.
1 in. thick		1/9	2/2	2/6	2/9	3/6	4/2	4/9	5/6	6/3	7/3	—	—	—	—	—
1½ " "		2/2	2/9	3/6	4/2	4/9	5/6	6/3	6/10	7/8	8/8	11/3	13/6	16/-	19/-	24/- each.
2 " "		2/6	3/3	4/3	4/9	5/10	7/-	7/8	8/3	9/-	10/-	13/9	15/6	18/6	21/6	29/3 "
2½ " "		2/9	3/6	4/10	5/6	6/10	8/3	9/-	9/9	10/4	11/-	16/6	19/3	23/3	26/9	37/9 "
3 " "		3/6	4/3	5/6	6/3	7/10	9/6	10/4	11/-	11/9	12/6	19/9	24/6	30/9	35/9	51/6 "
4 " "		4/3	4/10	6/3	7/3	8/9	10/4	11/9	12/9	13/6	14/6	24/9	31/-	41/6	48/-	60/- "

Fine, medium, or coarse same prices. These Wheels are not stocked but are made to order only.

A large and varied Stock of Engineers' Tools and Motor Accessories.

India Oilstones.

These are a composition Stone, very strong and durable, of particular evenness and clearness of grain throughout, and with remarkable cutting qualities. The **Fine Stones** leave a keen, smooth edge on the hardest and finest of steel tools, giving results equal to those obtained on the usual Arkansas hones, and are adapted for sharpening high-class wood and metal workers' tools. The **Medium Stones** are for ordinary carpenters' tools, also for machine and hand knives, for paper, cloth, leather, rubber, etc., and will make a quick cutting edge.



No. 1198w.

India Oilstones in Polished Wooden Box. Medium or Fine.

Size of Stone, 6 x 2 x 1 in.	...	Price 3/3 each.
" " " 7 x 2 x 1 "	...	" 3/6 "
" " " 8 x 2 x 1 "	...	" 4/6 "

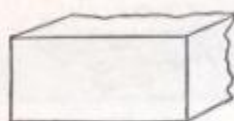


No. 1199w.

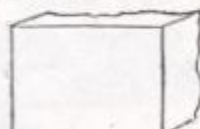
India Oilstones in Iron Box. Medium or Fine.

Size of Stone, 6 x 2 x 1 in.	...	Price 3/6 each.
" " " 7 x 2 x 1 "	...	" 4/6 "
" " " 8 x 2 x 1 "	...	" 5/6 "

India Oilstones (unmounted). Prices of Stones only. Fine and Medium, same Prices.



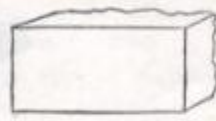
No. 1200w.
Size, 8 x 2 x 1 in.
Price 3/6 each.



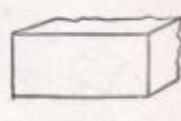
No. 1201w.
Size, 8 x 1 1/2 x 1 1/4 in.
Price 3/6 each.



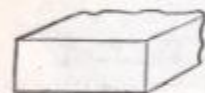
No. 1202w.
Size, 7 x 2 x 1 in.
Price 2/8 each.



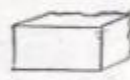
No. 1203w.
Size, 6 x 2 x 1 in.
Price 2/2 each.



No. 1204w.
Size, 6 x 1 1/2 x 3/4 in.
Price 1/9 each.



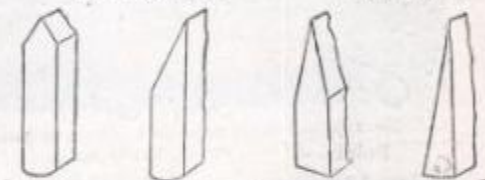
No. 1205w.
Size, 4 1/2 x 1 1/2 x 1/2 in.
Price 1/6 each.



No. 1206w.
Size, 4 x 1 x 1/2 in.
Price 1/2 each.



No. 1207w.
Size, 2 x 1 x 1/2 in.
Price 1/2 each.



No. 1208w. Carvers' Slips.
Size, 2 1/2 x 1/2 x 1/4 in. Price 3/6 per Set of four.



No. 1209w.
Size,
6 x 1 x 1 in.
Price 2/- each.



No. 1210w.
Size,
6 x 3/4 x 3/4 in.
Price 2/- each.



No. 1211w.
Size,
6 x 3/4 x 3/4 in.
Price 1/8 each.



No. 1212w.
Size,
6 x 1/2 x 1/2 in.
Price 1/8 each.



No. 1213w.
Size,
4 x 1/2 x 1/2 in.
Price 1/1 each.



No. 1214w.
Size,
6 x 3/4 x 3/4 in.
Price 1/8 each.



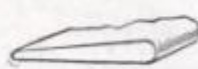
No. 1215w.
Size,
4 x 3/4 x 3/4 in.
Price 1/1 each.



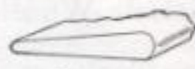
No. 1216w.
Size,
4 x 1/2 x 1/2 in.
Price 1/1 each.



No. 1217w.
Size, 4 x 1 x 1/2 x 1/2 in.
Price 1/1 each.



No. 1218w.
Size, 4 1/2 x 1 1/2 x 1/2 x 1/2 in.
Price 1/3 each.



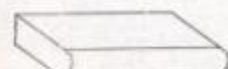
No. 1219w.
Size, 4 1/2 x 1 1/2 x 1/2 x 1/2 in.
Price 1/3 each.



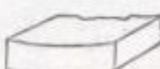
No. 1220w.
Size, 4 1/2 x 1 1/2 x 1/2 x 1/2 in.
Price 1/3 each.



No. 1221w.
Size, 4 1/2 x 2 1/2 x 1/2 x 1/2 in. 1/9 ea.
" 6 x 2 1/2 x 1/2 x 1/2 " 2/2 "



No. 1222w.
Size,
7 x 2 x 1 in. Price 3/6 each.
8 x 2 x 1 " " 4/4 "



No. 1223w.
Size,
4 x 1 1/2 x 1/2 in.
Price 1/3 each.



No. 1224w.
Size,
4 x 1 1/2 x 1/2 in.
Price 1/3 each.



No. 1225w.
Size,
4 1/2 x 1 x 1/2 in.
Price 1/2 each.



No. 1226w.
Size,
4 x 1 x 1/2 in.
Price 1/9 each.



No. 1227w.
Size,
3 1/2 x 1/2 x 1/2 x 1/2 in.
Price 1/1 each.

Contractors to the Home, Indian, and Colonial Governments.

Carborundum Stones.

No. 1228w.
Pocket Stones.



A very useful Stone for sharpening the pen-knife or ink scratcher. Furnished in a neat leather case, convenient size for pocket.

No. 145. $4 \times 1 \times \frac{1}{2}$ in. (fine) complete in Case, 1/9
" 146. $4 \times 1 \times \frac{1}{2}$ in. (medium) " " 1/6

No. 1230w.
Combination Stones.
Made in five sizes.



No. 1229w.
Sportsmen's Combination Stones.

This Stone is designed for the sportsman's hunting outfit. One side of stone is of a coarse grit, to sharpen very dull knives; the other side is of a very fine grit, to put the keen edge on knives.

Furnished in a neat soft leather case, convenient size for pocket.

No. 114. $4 \times 1 \times \frac{1}{2}$ in. ... 3/3 per Stone.



No. 1230w.
These Stones are designed especially for Carpenters and Mechanics.

They are made with one face of coarse and one face of very fine grit. The coarse side can be used for sharpening dull tools; the fine side for tools requiring a keen, sharp edge.

No. 108. $8 \times 2 \times 1$ in. 5/3 per Stone.
" 110. $7 \times 2 \times 1$ " 4/9 "
" 109. $6 \times 2 \times 1$ " 4/3 "
" 111. $5 \times 1 \frac{1}{2} \times \frac{1}{2}$ " 3/3 "
" 112. $4 \times 1 \frac{1}{2} \times \frac{1}{2}$ " 2/- "

No. 1231w.
This Strop is designed especially for Shoemakers and Leather Workers. One face of strop is made of coarse grit and one face of very fine grit.

Length over all, 12 in.
Price per Strop ... -/9



No. 1232w.
Carborundum Grains and Powders.



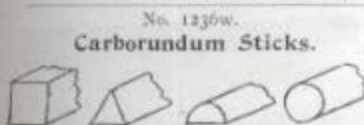
The Carborundum Grains and Powders are produced by crushing the crude Carborundum crystal masses. The grains are subjected to an acid treatment, then graded into the different grits by a sieving process. The grains too small to grade by sieving are graduated in running water, the finest grains being those which float longest.

Grains Nos. 60, 70, 80, 90, 100, 120, 150, 180, 220.
Powders F, FF, FFF.

Price in 1 lb. tins, 1/3 per tin.
Either Powders or Grains.

No. 1235w.
Carborundum Cloth.

In Sheets 11×9 in.
No. 2, 1 1/2 ... price 3/9 per Quire
" 1 FFF, FF, F " 3/3 "
Price per Sheet, -/2



No. 1236w.
Carborundum Sticks.

Fine ... $4 \times \frac{1}{2}$ in. 1/6
Medium or coarse ... $6 \times \frac{1}{2}$ in. 2/- each.
" 1/- " 1/9 "

No. 1233w.
Silversmiths' Stones.

Special sizes and shapes for Silversmiths, Watch-makers and General Die Work.

Size	Price per Stone
No. 300, FF (fine) ... $4 \times \frac{1}{2} \times \frac{1}{2}$ in.	2/6
" 301, 220 (medium fine) ...	1/9
" 302, 150 (medium) ...	1/9
No. 303, FF (fine) ... $4 \times \frac{1}{2} \times \frac{1}{2}$ in.	3/3
" 304, 220 (medium fine) ...	2/-
" 305, 150 (medium) ...	2/-
No. 306, FF (fine) ... $4 \times \frac{1}{2} \times \frac{1}{2}$ in.	3/3
" 307, 220 (medium fine) ...	2/-
" 308, 150 (medium) ...	2/-
No. 309, FF (fine) ... $4 \times \frac{1}{2} \times \frac{1}{2}$ in.	3/3
" 310, 220 (medium fine) ...	2/-
" 311, 150 (medium) ...	2/-
No. 312, FF (fine) ... $4 \times \frac{1}{2} \times \frac{1}{2}$ in.	3/3
" 313, 220 (medium fine) ...	2/-
" 314, 150 (medium) ...	2/-
No. 315, FF (fine) ... $4 \times \frac{1}{2} \times \frac{1}{2}$ in.	3/3
" 316, 220 (medium fine) ...	2/-
" 317, 150 (medium) ...	2/-
No. 318, FF (fine) ... $4 \times \frac{1}{2} \times \frac{1}{2}$ in.	1/9
" 319, 220 (medium fine) ...	1/3
" 320, 150 (medium) ...	1/3
No. 321, FF (fine) ... $3 \frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$ in.	3/3
" 322, 220 (medium fine) ...	2/-
" 323, 150 (medium) ...	2/-

No. 1237w.
Carborundum Blacksmith's Stone.



For sharpening Farrier and Butchers' knives; does the work better and more rapidly than a file, and leaves a good cutting edge.

No. 199, length 6 in., width 1 in., greatest thickness $\frac{1}{2}$ in. Price per Stone, 1/3.

No. 1234w.
Carborundum Niagara Scythe Stones.

A strong, durable and wonderfully rapid cutting Stone. They do away with the grinding of a scythe altogether, by producing a clean, sharp edge and doing it faster and easier than it could be done on the best grindstone ever made.



No. 190. 10 in. long. Price -/9 each.

No. 1238w.
Pocket Stone.

This little Stone is made of fine Carborundum Powder, and of a hardness suitable for sharpening pocket knives, ink scratchers, scissors and small tools. It is a smooth, fast cutting stone, producing a very sharp, keen edge.



No. 149. $3 \times \frac{1}{2} \times \frac{1}{2}$ in. fine, -/9 per Stone.

No. 1239w.
Knife Sharpener.

A solid shaft of Carborundum, firmly mounted on handle by a steel rod extending its entire length, giving it strength and durability.

Length over all, 12 in., per Sharpener, 1/-



Bronze Medal, 1884.—Gold Medal, 1890.

Carborundum Wheels, Stones, Powders, etc.

Carborundum is a manufactured abrasive. It is a chemical combination of carbon and silicon, and is much harder than other abrasives. Very fast cutting, and can be used either wet or dry.



No. 1240W.

DIAM.	THICKNESS.					
	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$1\frac{1}{2}$ in.
2 in.	1/-	1/3	1/4	1/6	—	—
2½ "	1/3	1/6	1/10	2/2	—	—
3 "	1/4	1/11	2/3	2/8	3/-	—
3½ "	1/8	2/3	2/8	3/2	3/9	—
4 "	2/4	3/-	3/3	3/9	4/3	5/3
5 "	3/3	3/8	4/-	5/-	6/2	7/3
6 "	—	4/3	4/8	6/8	8/3	12/4
8 "	—	—	7/3	10/-	12/9	15/9
10 "	—	—	—	14/-	17/6	21/4
12 "	—	—	—	16/9	20/6	25/-
						30/6

When ordering, kindly state size of spindle hole, also whether fine, medium, or coarse grit, or for what purpose the wheels are required.



No. 1241W.

Slip Stones.

These are made in four sizes and three grits.
 $6 \times 2 \times \frac{1}{8}$ in., $6 \times 1\frac{1}{2} \times \frac{1}{8}$ in., $4 \times 2 \times \frac{1}{8}$ in., $4 \times 1\frac{1}{2} \times \frac{1}{8}$ in.
 Each fine, medium, coarse.

No. 180.	$4 \times 2 \times \frac{1}{8}$ in.	Fine,	2/- each.
" 181.	$4 \times 2 \times \frac{1}{8}$ in.	Medium,	1/6 "
" 182.	$4 \times 2 \times \frac{1}{8}$ in.	Coarse,	1/6 "
" 183.	$4 \times 1\frac{1}{2} \times \frac{1}{8}$ in.	Fine,	1/9 "
" 184.	$4 \times 1\frac{1}{2} \times \frac{1}{8}$ in.	Medium,	1/3 "
" 185.	$4 \times 1\frac{1}{2} \times \frac{1}{8}$ in.	Coarse,	1/3 "

For Lists of Emery Wheels and Grinders, see our Engineers' and Metal Workers' Catalogue.

No. 1243W.



Aluminium Oil-stone Boxes.

These boxes are made of highly polished aluminium and are furnished in three sizes:

	Price, Box Without Stone.
No. 1 for $8 \times 2 \times 1$ in. stone	6/3
" 2 for $6 \times 2 \times 1$ "	5/3
" 3 for $4 \times 1\frac{1}{2} \times 1$ "	4/3
Oak Cases 1, 2, or 3	1/-

We recommend the use of the following stones in these boxes:

For No.	Price, Without Box.
1 box.—No. 108 Combination stone, $8 \times 2 \times 1$ in.	5/3
1 " " 115 Fine stone, $8 \times 2 \times 1$ "	4/3
1 " " 116 Medium stone, $8 \times 2 \times 1$ "	3/3
2 " " 109 Combination stone, $6 \times 2 \times 1$ "	4/3
2 " " 121 Fine stone, $6 \times 2 \times 1$ "	3/3
2 " " 122 Medium stone, $6 \times 2 \times 1$ "	2/6
3 " " 139 Fine stone, $4 \times 1\frac{1}{2} \times 1$ "	2/3
3 " " 140 Medium stone, $4 \times 1\frac{1}{2} \times 1$ "	1/9

Sharpening Stones.

Positively unequalled for rapid cutting qualities. Used dry, or with water or oil. Are quite porous, and may be tempered in their cutting by filling with wax or vaseline.

No.	Length inches.	Width.	Thickness.	No. of Carborundum.	Price
115	8	2	1	FF (fine)	4/3
116	8	2	1	180 (medium)	3/3
117	8	2	1	120 (coarse)	3/3
118	8	2	1	FF (fine)	3/3
119	8	2	1	180 (medium)	2/6
120	8	2	1	120 (coarse)	2/6
121	6	2	1	FF (fine)	3/3
122	6	2	1	180 (medium)	2/6
123	6	2	1	120 (coarse)	2/6
124	6	2	1	FF (fine)	2/6
125	6	2	1	180 (medium)	1/9
126	6	2	1	120 (coarse)	1/9
127	6	1½	1	FF (fine)	2/9
128	6	1½	1	180 (medium)	2/-
129	6	1½	1	120 (coarse)	2/-
130	6	1½	1	FF (fine)	1/9
131	6	1½	1	180 (medium)	1/6
132	6	1½	1	120 (coarse)	1/6
139	4	1	1	FF (fine)	2/3
140	4	1	1	180 (medium)	1/9
141	4	1	1	120 (coarse)	1/9
142	4	1	1	FF (fine)	1/9
143	4	1	1	180 (medium)	1/3
144	4	1	1	120 (coarse)	1/3
145	4	1	1	FF (fine)	1/-
146	4	1	1	180 (medium)	~9
147	4	1	1	120 (coarse)	~9

No. 1246W.

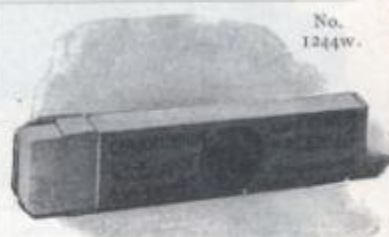


Instrument Hone.

Made of the very finest hand-washed powder. Unexcelled for producing a keen edge. A very useful hone for surgeons and dentists. Furnished in a neat black leather case, convenient size for instrument case.

No. 100, $4 \times 1\frac{1}{2}$ in.	Price, 3/3
--------------------------------------	------------

No. 1244W.



Machinists' Special.

This stone is especially designed for the Machinist's use, fast cutting, and holds its shape perfectly. The grit and grade of hardness is adapted to sharpening lathe and planer tools, milling cutters, reamers, and drills.

No. 292, $4 \times 1 \times \frac{1}{8}$ in., FF (fine). Price, 1/6

No. 1245W.



Points.

For Die Sinks. Hard and Sharp. Three inches long. Made in three Grits.

No. 97, FF (fine)	Price, 3/3
" 98, 180 (medium)	" 2/-
" 99, 120 (coarse)	" 2/3

No. 1247W.



The above shape of stone is specially suitable for sharpening carving bits.

No. 290, Fine	Price, 2/6
" 291, Coarse	" 1/9

Tool, Machine, and Hardware Merchants and Manufacturers.

The Handy Grindstone.

No. 1248W.

The Family Grindstones, illustrated in former catalogues, have had a large sale, but this is much better than either of them. It is a Huron stone, $1\frac{1}{2}$ by 14 in. Being three times as large, the surface runs three times as fast as the old kind. There is nothing about the machine which will break or get out of repair. Japanned iron frame.

Weight, packed, 85 lb. Price 19/- each.
Carriage Forward.



Bench Grindstones.

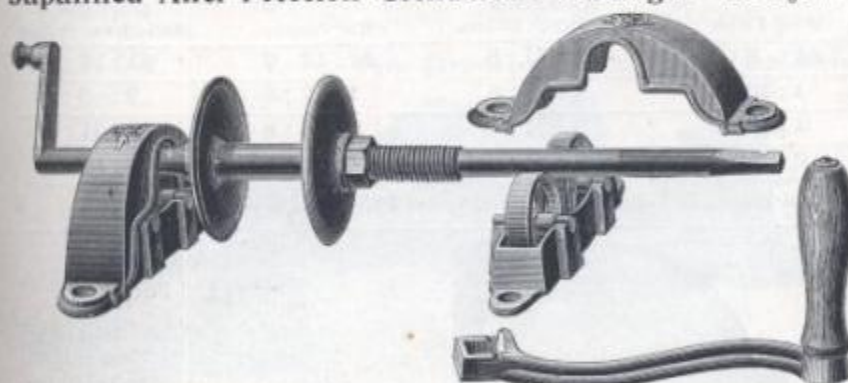
No. 1249W.

Best quality, fast-cutting Blue Grit Stones, fitted in iron frame with wrought iron spindles, having screwed nut and collar plates to prevent the possibility of the stone breaking.

Sizes	... 6 x $1\frac{1}{2}$	8 x $1\frac{1}{2}$	10 x 2	12 x 2	14 x $2\frac{1}{2}$ in.
Price	... 5/-	7/-	7/6	9/-	11/- each.
Carriage Forward.					



Japanned Anti-Friction Grindstone Fittings. No. 1250W.



Length of Spindle over all	...	...	17	21	24	in.
Suitable for Grindstone	...	...	$15 \times 2\frac{1}{2}$	18×3	21×4	"
Price complete as shown.	...	...	2/6	3/-	3/9	each.

Roller Bearings, suitable for Stone	18×3 in.	Price	11/6 set.	...
" " " " "	21×3 "	"	13/-	"
" " " " "	24×4 "	"	14/-	"

Grindstone Journals.



No. 1251W.

Price per Set :

For $\frac{3}{4}$ in. Spindle	... 1/-
" " " "	... 1/9

Illustration represents half a set.

Wrought Iron Grindstone Fittings.

No. 1251½W.

Comprising Spindle, plain Bearings and Plates.

Suitable for Stone	18×3 in.	Price.	7/6
" " "	21×3 "	"	8/6
" " "	24×4 "	"	9/6
Handle	...	"	3/3
Crank and Screw	...	"	2/-
Treadle and Rod	...	"	3/6

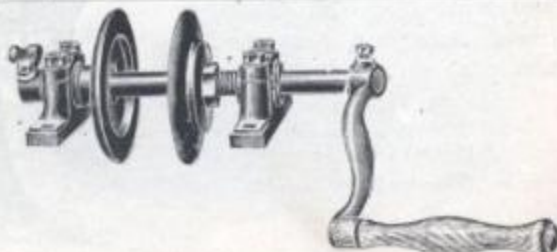
Extra Strong Wrought Iron Fittings.

No. 1252W.

With Plummer Blocks and Brasses as illustrated.

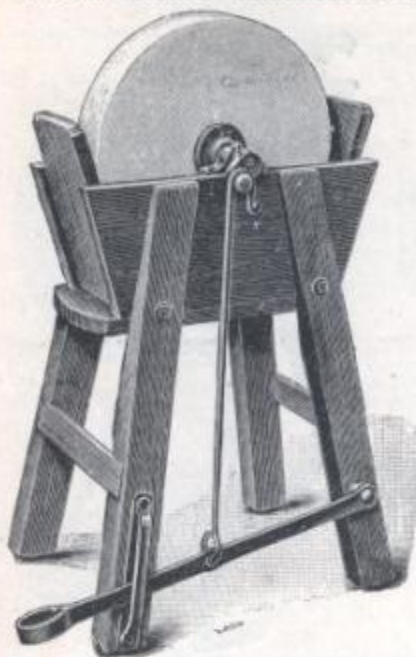
Suitable for	... 24	30	36 in. stones.
Price	... 13/6	20/-	25/- set.

Treadle and Rod, 5/6 extra.



Orders of 20/- and upwards Carriage Paid (with few exceptions).

Wood Frame Grindstones.



No. 1253W.



Mounted Grindstones.

Best Blue Bilston Grit, specially suitable for Engineers, Carpenters, Butchers, and others.

Connecting Rods and Treadles of Wrought Iron, as are the Spindles.

All Grindstones sent Carriage Forward.

Iron Frame Grindstones.



No. 1254W.

Size.	Wood Frame.	Wood Frame. Anti-friction Rollers.	Iron Frame.	Iron Frame. Anti-friction Rollers.
18 x 3 in.	£1 : 8 : 6	£1 : 11 : 6	£1 : 13 : 6	£1 : 16 : 6
18 x 4 " " " " " "	1 : 10 : 6	1 : 13 : 6	1 : 17 : 6	2 : 0 : 6
21 x 4 " " " " " "	1 : 18 : 0	2 : 1 : 6	2 : 8 : 6	2 : 11 : 6
24 x 4 " " " " " "	2 : 5 : 0	2 : 9 : 0	2 : 14 : 6	2 : 18 : 6

If with Pulley for Steam Power, 5/9 extra; if Fast and Loose Pulleys, 11/6 pair.

Grindstones in Extra Strong Iron Frames.

No. 1255W.

For Engineers, Mining Companies, etc., etc.

Fitted with Blue Grit Stones, Screwed Axles and Nuts, Side Plates, Plummer Blocks, Handle and Treadle.

Pulleys for same
10 in., 5/6; 14 in., 6/6 each.



Sizes and Prices.

Size of Stone.	Price with Plummer Blocks or Anti-friction Bearing.
30 x 5 in. ...	£4 : 8 : 0
36 x 5 " " " "	6 : 4 : 0
36 x 6 " " " "	7 : 0 : 0
42 x 6 " " " "	7 : 15 : 0
42 x 8 " " " "	8 : 16 : 0
48 x 8 " " " "	10 : 0 : 0
48 x 10 " " " "	10 : 15 : 0

Anti-friction Roller Bearings are not recommended for Power Driving.

A large and varied Stock of Engineers' Tools and Motor Accessories.

Grindstone Dresser. For Face and Sides.

No. 1256W.



Fig. 1.

Position of Cutter when Truing Edges.

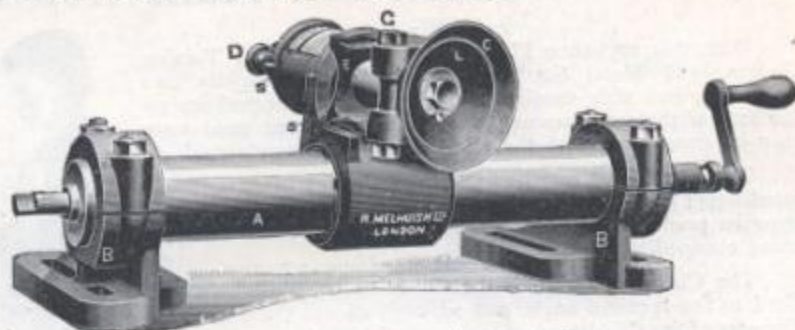


Fig. 2.—Position of Cutter when Truing Face.

Will true a grindstone on face and edges in a few minutes whilst running at its ordinary speed. The Cutter is made of thin sheet steel stamped in the form of a cone. It cannot wear blunt, lasts a long time, and when worn out can be replaced at a small cost.

It can readily be fixed to troughs of varying widths by shifting the brackets BB; the tubular slide A can be swivelled so as to bring the cutter axis into correct position relatively to the centre of the stone.

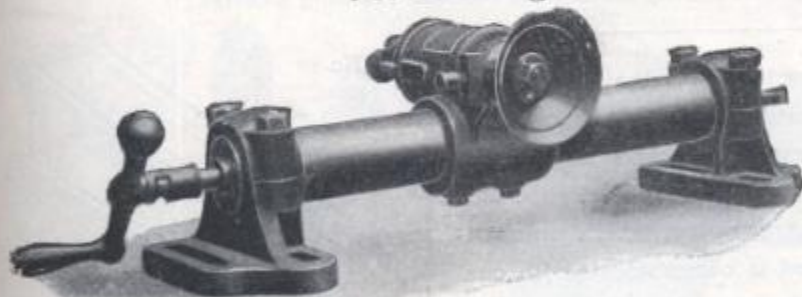
In the new Double-Action Grindstone Dresser the cutter bush holder F can be fixed in the cutter bar in two positions—the one for truing the Face (Fig. 1), and the other for truing the Edges.

		Double Action.		Single Action.	
No. 1.	For stones up to 5 in.	For trough up to 18 in. over flanges	£4 : 14 : 6	£3 : 18 : 9	
" 2.	" " 8 "	" " 21 " "	5 : 7 : 0	4 : 10 : 0	
" 3.	" " 10 "	" " 26 " "	6 : 6 : 6	5 : 7 : 0	
" 4.	" " 15 "	" " 31 " "	8 : 8 : 6	7 : 12 : 0	

Prices include Spanner, Handle, 2 Cutters, and 1 Liner.

For Dressing Face of Stone only.

No. 1257W.



For stones up to	For Troughs Measuring over Flanges	Price Complete.
5 in. wide	14 in.	£3 : 5 : 0
8 " "	18 " "	3 : 15 : 0
10 " "	22 " "	4 : 7 : 6
15 " "	27 " "	6 : 5 : 0

The prices include Handle, Spanner, 2 Cutters, and Liner to each Tool.
Extra Cutters 1/- each.

Safety Tool Rest for Grindstones.

No. 1258W.

This Tool Rest is perfectly rigid and steady when in position. Consequently accidents to workmen through the Tool jamming between the Rest and Stone are entirely prevented.

Illustration shows Rest set for use on a new stone.

When ordering give distance between centres of Bolt Holes.

For Troughs up to 12 in. between Centres ... 12/6 each.

" " 20 " " ... 14/6 "



Contractors to the Home, Indian, and Colonial Governments.

Chisel and Plane-Iron Holder.

No. 1259W.

With this appliance Plane Irons, Paring Chisels, Turning Gouges, and Metal Scrapers may be ground rapidly and accurately, and with comfort and cleanliness. Inequalities on the face of the stone scarcely affect the result, and good work may be done, even with the grindstone in bad condition.

The Attachment may be fixed to the trough of an ordinary grindstone; the illustration shows it in use, and the dotted lines show its position when out of action, and whilst the cutter is being clamped.

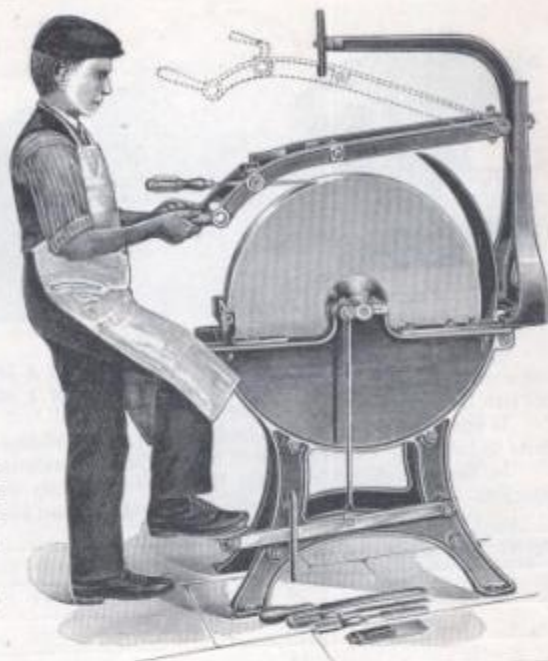
The Clamp which holds the Cutter to be ground may be tilted to the required angle, and adjusted to suit the decreasing diameter of the Grindstone.

The Levers or Arms which carry the Clamp or Cutter holder are attached to the column by a universal joint, which allows Turning Gouges, etc., to be ground as readily as Plane Irons and Paring Chisels.

Any desired pressure may be applied at the handles, but for light work the weight of the Levers is sufficient. The base of the column has holes for bolting to the flanges of Grindstone Trough, but any special fixing that may be necessary can be supplied on receipt of particulars and dimensioned sketch.

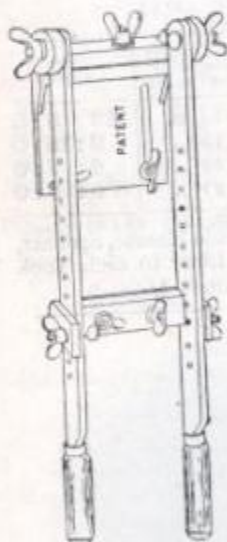
Price of Grinding Attachment only, suitable for stones up to 36 in. diameter, £1 : 7 : 6.

(Carriage Forward.)



Patent Tool Grinding Appliance.

Adopted by the London County Council in Manual Training Centres.



Export orders have the attention of experienced men. Our knowledge of the various markets enables us efficiently to execute Foreign Commissions, respecting which we shall be pleased to communicate with our clients abroad.

R. MELHUISH, LTD.

No.
1260W.



By using the above Apparatus the following advantages are obtained :—

Perfect accuracy in Grinding Tools.

The surface of the Stone is worn evenly; no turning-up required.

The Tools can be examined at any time during grinding operations without being taken out.

By the simple adjustment of the thumbscrews at the back, the Appliance can be set to grind any angle.

No previous knowledge of grinding required.

Tools ground in half the time usually taken, and with better finish.

When not in use can be turned round, right away from stone.

Can be fitted to any Grindstone from 18 x 2 in. up to 24 x 4 in.

Price 25/- each.

Bronze Medal, 1884.—Gold Medal, 1890.

Patent Tool Sharpener (Melhuish's).

No. 1261W.

Adjustable to any Bevel. A Perfect Edge with minimum of grinding.



We claim for this method that it will better preserve the bevel of Plane Irons, etc., and enable the workman to sharpen his tools more effectively and quickly than by the regular method. To the frame which carries the stone is attached a leather strap having a stirrup for the foot. This overhangs the edge of the bench, and may be adjusted by means of a slip buckle. The stone is then drawn under the tool by pressure of the foot in the strap, and returns by tension of a spiral spring. A perfectly uniform bevel and keen edge can be put on the tool in this way. A very large number of these are now in use with the most successful results.

Price of Sharpener, 11/6 each.

Oilstone, 2/- extra.

Tool Grinding Rest.

No. 1262W.

This Rest consists of a frame through which the Plane Iron or other tool to be ground is passed, being held in position by a clamp screw, which works through the upper part of the frame.

A small wheel, placed underneath the frame, travels on the surface of the stone, enabling the user to hold steadily in one position.

Any desired angle can be given by adjusting the position of the tool in the frame.

Price 1/3 each.



Chisel and Plane Iron Sharpening Machine.

No. 1263W.

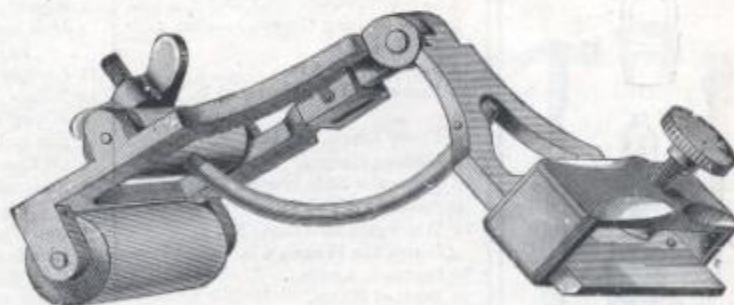


This useful machine is simple in use. A boy can sharpen a Plane Iron, and ensure having a straight and true edge, in less time than the most experienced workman could with a stone.

Price 5/9 each.

Chisel and Plane Iron Grinder.

No. 1264W.



This is an invention for holding Chisels, Plane Irons, etc., while sharpening them either on the oilstone or grindstone. When put in the holder and brought to the right bevel with the adjusting screw, nothing is left to do but to bear it on the stone, and it will grind right away without further care.

Price 3/3 each.

IMPORTANT TO THOSE ORDERING THROUGH SHIPPERS.

In order to ensure entire satisfaction, we advise our friends to be careful in giving definite instructions that the goods shall be procured direct from our house. By these means they may be sure of receiving the pattern and quality specified in our Catalogues.

RICHARD MELHUISH, Ltd., London, E.C.

Tool, Machine, and Hardware Merchants and Manufacturers.

Technical Instruction.

Having a considerable experience in fitting out Technical Classes throughout this country and abroad, we beg to call attention with regard to this to all who are interested in Technical Instruction. We are able to supply Practical Workman's Tools of our best quality and design at the most favourable rates, and shall be pleased to forward particulars and prices on receipt of inquiries from those who are conducting Technical Classes.

For the guidance of those who are beginning, we give herewith a list of tools required for a class of twelve boys; this represents a fairly complete outfit, and could be reduced in number where a limited sum is being devoted.

LIST OF CARPENTERS' TOOLS FOR CLASS OF TWELVE BOYS.

- | | |
|--|--|
| 6 Benches. | 4 Washita Oil Stones in Cases. |
| 12 Jack Planes, $2\frac{1}{2}$ in. | 4 Black Wing Compasses, 6 in. |
| 3 Try " $2\frac{1}{2}$ in. | 2 Sets of Centre Bits, $\frac{1}{2}$ to $1\frac{1}{2}$ in. |
| 4 Smooth Planes, $2\frac{1}{2}$ in. | 2 Bit Braces, adjustable chuck, 1 plain, 1 ratchet |
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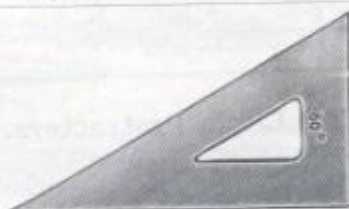
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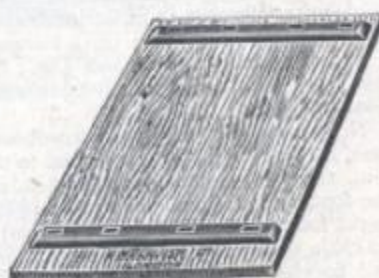
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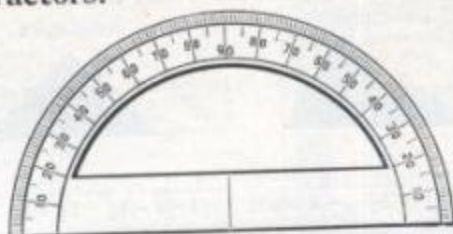


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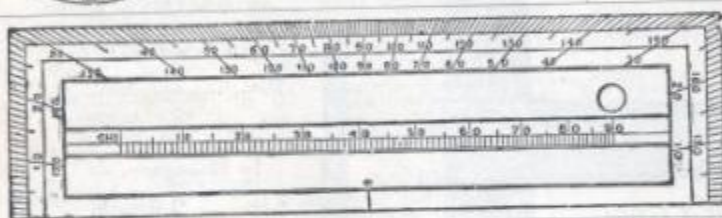


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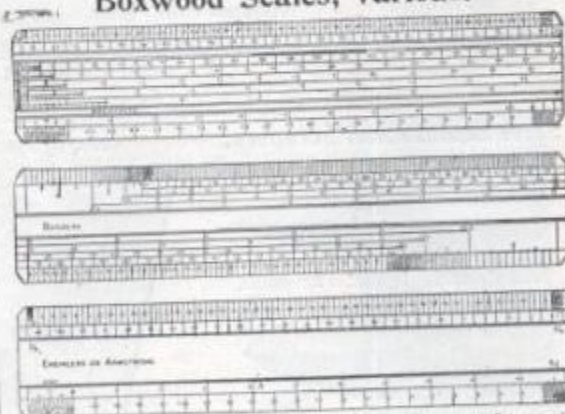
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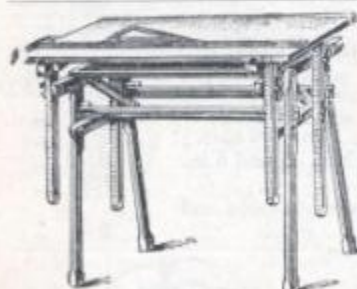
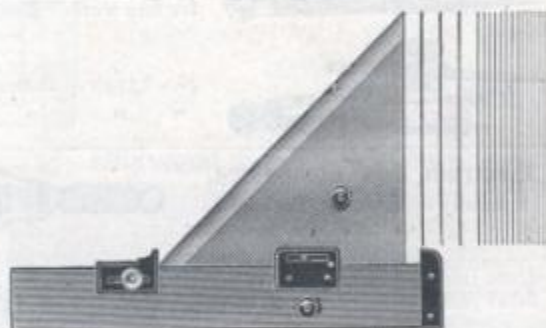
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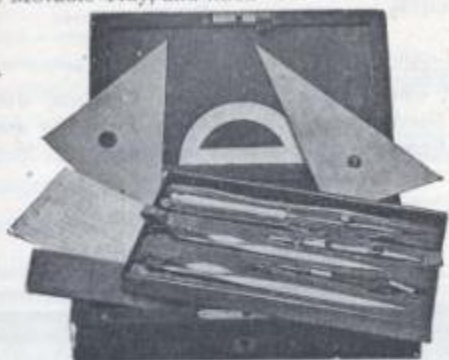
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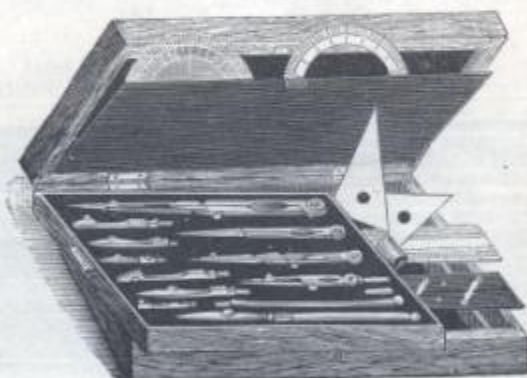
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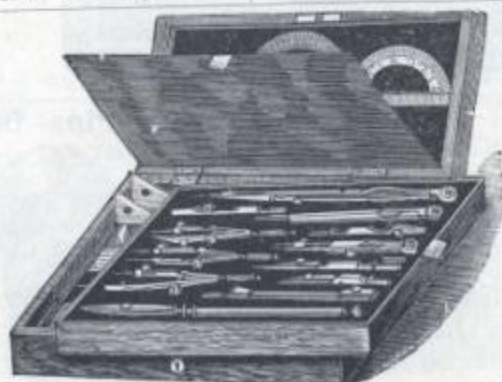
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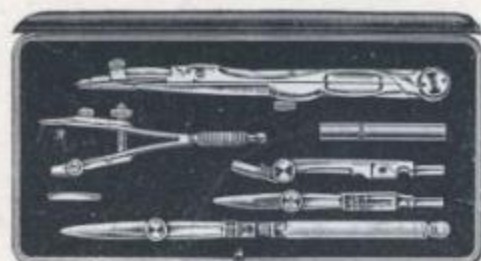


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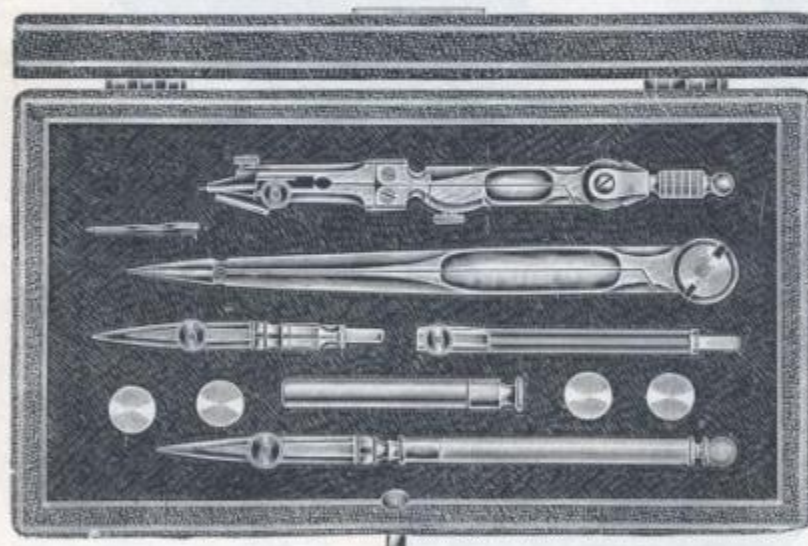
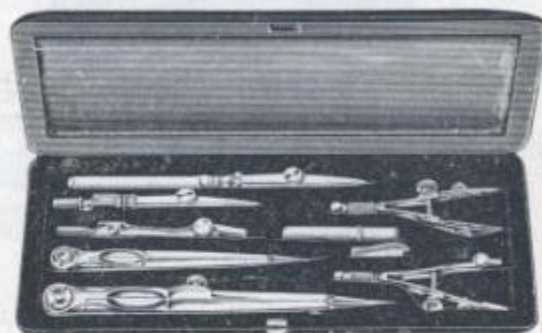
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One Piece Metal Drawing Pins.



No. 1363W.

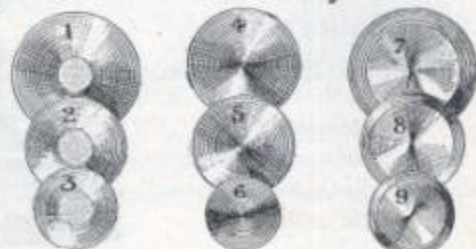
$\frac{1}{16}$ in. dia. $\frac{7}{16}$ in. dia. $\frac{9}{16}$ in. dia.
-/8 -/9 -/10 doz.

Brass Drawing Pins—Best make only.

No. 1364W.

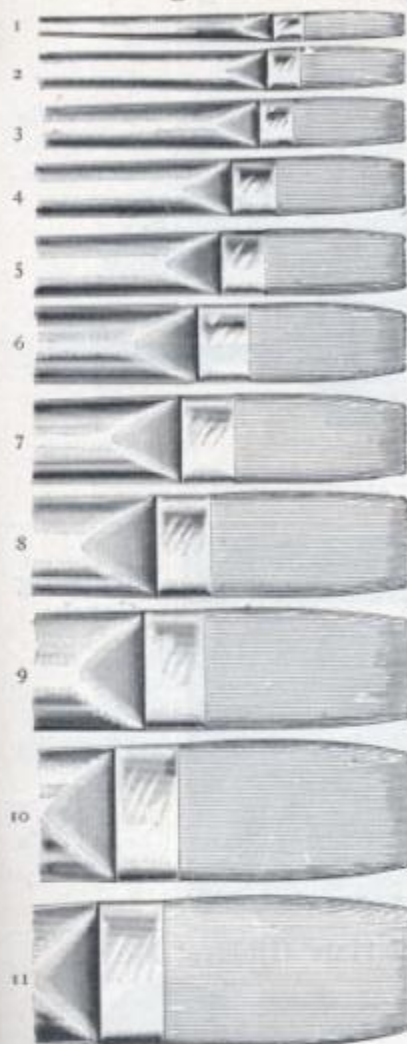
No.	1	2	3	4
-/10	-/9	-/8	1/3 doz.	
5	6	7	8	9
-/10	-/6	-/8	-/7	-/5 doz.

No. 1365W. Best of All pattern :
Full size. Medium. Small.
-/6 -/5 -/5 doz.



Bronze Medal, 1884.—Gold Medal, 1890.

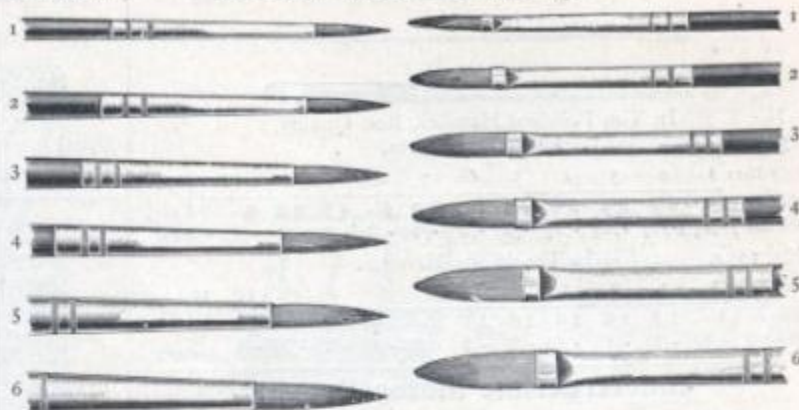
No. 1366w. **Hog Hair Brushes.**



Series AF (flat), AR (round).
Finest Lyons Bristles. Polished Yellow
Handles.

Size No. 00 ...	-/5 ea.	Size No. 6 ...	-/7 ea.
" 0 ...	-/5 "	" 7 ...	-/8 "
" 1 ...	-/5 "	" 8 ...	-/10 "
" 2 ...	-/5 "	" 9 ...	1/- "
" 3 ...	-/6 "	" 10 ...	1/2 "
" 4 ...	-/6 "	" 11 ...	1/4 "
" 5 ...	-/7 "	" 12 ...	1/6 "

No. 1367w. **Artists' Sable Brushes.**



Series B. Finest red sable for **water** colour. Walnut handles.

" C. " " oil " " "

Sizes	00, 0, 1	2	3	4	5	6	7	8	9	10	11	12
Flat	... -/4 1/2	-/5 1/2	-/6 1/2	-/8	-/10	1/-	1/6	1/8	2/3	2/8	3/4	4/3 each.
Round	... -/4 1/2	-/5 1/2	-/6 1/2	-/8	-/10	1/-	1/6	2/-	2/8	3/4	4/3	5/6 "

No. 1368w. **Finest Camel Hair Brushes.**

These Brushes are made from the finest selected Camel Hair, set in nickel ferrules on polished red-brown handles.

No. 1 ...	... -/2 each; 2/- per doz.	No. 7 ...	... -/3 1/2 each; 3/3 per doz.
" 2 ...	... -/2 1/2 " 2/1 "	" 8 ...	... -/4 " 4/- "
" 3 ...	... -/2 1/2 " 2/2 "	" 9 ...	... -/5 " 5/- "
" 4 ...	... -/2 1/2 " 2/3 "	" 10 ...	... -/6 " 6/- "
" 5 ...	... -/2 1/2 " 2/4 "	" 11 ...	... -/7 " 7/- "
" 6 ...	... -/3 " 2/9 "	" 12 ...	... -/8 " 8/- "

No. 1369w. **"Improved" Drawing Pencils.**

Polished. Natural Cedar. Boxed in 1/2 gross.



Degrees, viz. :—H, F, HB, B, 2B, 1B, 1/8 per gross; 1/8 per doz.; -/2 each.

No. 1370w. **Penny Series.** Price -/9 per doz.

Special Quality Oval Pencils in Cedar.

No. 1371w.

Engineers', length 7 in.

Price 7/6 per gross.



No. 1372w.

Carpenters', length 7 in.

Price 5/9 per gross.

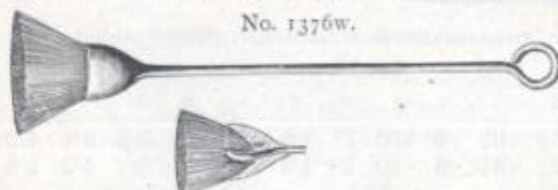


Tool, Machine, and Hardware Merchants and Manufacturers.

Hog Hair Fitches.

												
												
No.	In Tin, Polished Handles, Best Quality.											
1373w.	Extra Large Sizes.											
Numbers	1	2	3	4	5	6	7	8	9	10	11	12
Flat or	2 3	2 3	2 4	2 4	2 6	2 9	3 9	4 -	4 9	5 3	6 -	7 6 doz.
Round	-2 1/2	-2 1/2	-2 1/2	-2 1/2	-3	-3	-4	-5	-5	-6	-7	-8 ea.
No. 1374.	In Tin, White Handles.											
Numbers	1	2	3	4	5	6	7	8	9	10	11	12
Flat or	1 -	1 2	1 3	1 4	1 6	1 7	2 -	2 3	2 8	3 3	3 9	4 3 doz.
Round	-1 1/2	-1 1/2	-1 1/2	-1 1/2	-2	-2	-2 1/2	-2 1/2	-3	-3 1/2	-4	-5 ea.

Indestructible Motor Brush.

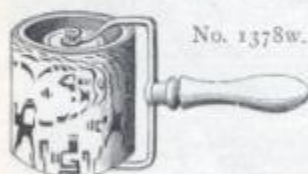


These brushes are made to stand petrol and are highly recommended for motor cleaning, whitening tyres, etc. The hairs cannot come out as they are looped through, turned up, bound with wire and soldered.

No.	1	2	3	Length 13 in.
Price	-10	1 -	1 3	each.

With long handle, 22 in., price 1 6 each.

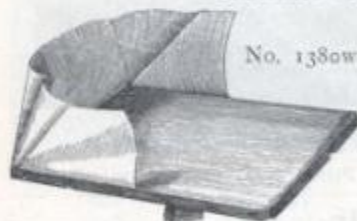
Bellamy's Graining Rollers.



No. 1378w. For Oak, Mahogany, Maple, Satinwood, Birch, Walnut, Ash, etc.

Size	3	4	5	6 in.
Price	16 -	18 -	22 -	26 - ea.

Gilder's Cushion.



No. 1380w.

8 x 5 1/2 in.	...	1 6 each.
9 x 6 1/4 "	...	2 - "

No. 1383w.

Unwinds, trims both edges, or one only, or one fine and one rough, and re-winds the roll at one operation in 40 seconds.

For all widths of wall papers up to 22 in. Price 66/-.

British Made Wall Paper Trimmers.



No. 1384w.

For all widths of wall papers up to 30 in. Price 80/6 each.

Extra for attachment for trimming Relief Decorations as Lincrusta, Anaglypta, etc. Price 15/- each.

Each Machine is sent Carriage Free and packed in Stand Box.

Hog Hair Lining Tools.



No. 1375w.	In Tin.							
Size	...	1	1 1/2	1 1/2	1 1/2	1 1/2	2 in.	
Usual	3/6	4/3	6/-	7/6	8/9	11/-	14/-	doz.
Thickness	-4	-4 1/2	-6 1/2	-8	-9	1 -	1 3	ea.

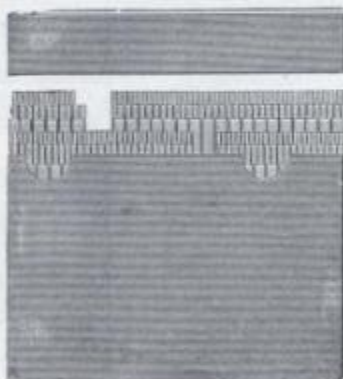
Badger Softeners.



No. 1377w.

Size	2 1/2	3	3 1/2	4	4 1/2 in.
Price	6/-	7/6	9/-	10/6	13/6 each.

Graining Combs.



No. 1379w.

Price 2/3 per set of 12 in Tin Case.

Loose Combs, -1 1/2 per in.

Camel Hair Gilders' Mops.



No. 1381w.

Nos.	1	2	3	4	5	6	7
Price	-6	-7	-8	-10	-11	1 1	1 4 each.

Gilder's Knife.

No. 1382w.

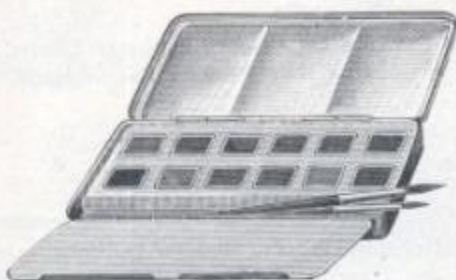


Price -10 each.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

Students' Water Colours.

In Superior Japanned Tin Boxes.



No. 1385w.

Contains 12 Metal Pans of Water Colours and 2 Camel Hair Brushes.

Price complete 10/-

No. 1386w.
Contains 10 China Pans of Water Colours, and 1 Camel Hair Brush.

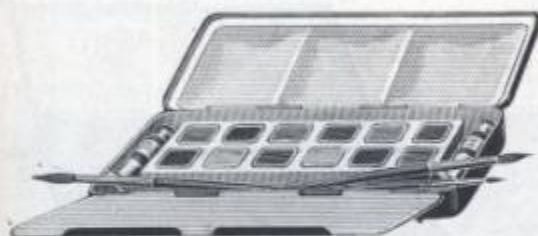
Price complete,
2/2



No. 1387w.

Contains 12 China Pans and 2 small Tubes of Water Colours, and 2 Camel Hair Brushes.

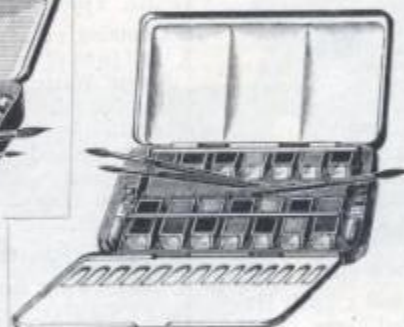
Price complete,
3/-



No. 1388w.

Contains 12 Metal Pans and 2 small Tubes of Water Colours, and 3 Camel Hair Brushes.

Price complete 1/4



No. 1390w.

Contains 21 China Pans and 2 small Tubes of Water Colours, and 3 Camel Hair Brushes.

Price complete,
4/4

No. 1389w.
Contains 16 Metal Pans and 2 small Tubes of Water Colours, and 3 Camel Hair Brushes.

Price complete 1/9



No. 1391w.

Contains 28 China Pans and 2 small Tubes of Water Colours, and 3 Camel Hair Brushes.

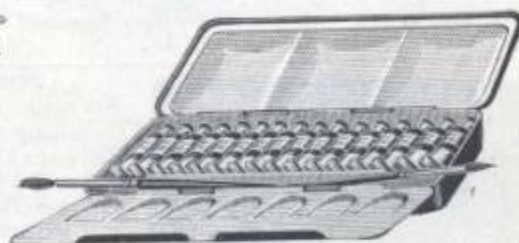
Price complete,
6/6



No. 1392w.

Contains 21 Metal Pans and 2 small Tubes of Water Colours, and 3 Camel Hair Brushes.

Price complete 2/2



No. 1393w.

Contains 8 Half-Tubes of Water Colours and 1 Camel Hair Brush. Price complete 1/4

No. 1394w.

Contains 12 Half-Tubes of Water Colours and 1 Camel Hair Brush. Price complete 1/9

No. 1395w.

Contains 16 Half-Tubes of Water Colours and 2 Camel Hair Brushes, as illustrated. Price complete 2/2

A large and varied Stock of Engineers' Tools and Motor Accessories.

Students' Walnut-wood Boxes for Oil Painting.

Polished Boxes. Leather Handles. Mahogany Palettes.

No. 1396W.

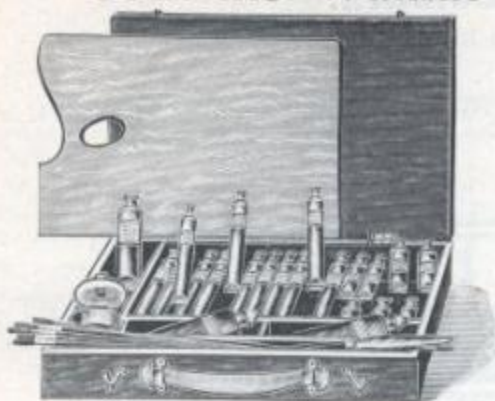
Fitted with 12 tubes of Students' Oil Colours, bottles of Linseed Oil and Turpentine, Dipper, 6 Hog Hair Brushes, Palette Knife, and Palette.

Complete	...	...	...	...	...	...	10/-
Empty, with Palette	...	...	...	...	...	...	6/-

No. 1397W.

Fitted with 1 double and 19 single tubes of Students' Oil Colours, large bottles of Linseed Oil and Turpentine, 7 Hog Hair Brushes, Covered Dipper, Palette Knife, Rag, and Palette.

Complete	...	...	...	...	...	...	15/-
Empty, with Palette	...	...	...	...	...	...	8/6



No. 1397W. (13½ in. x 9 in.)

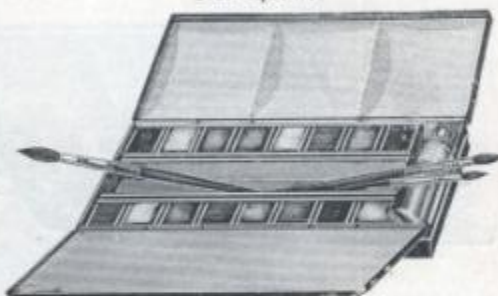
Japanned Boxes fitted with Artists' Oil and Water Colours.

Sketching Box.

No. 1399.
Contains 12 half-pans of Artists' Water Colours, tube of white, one real Sable and one real Siberian Hair Brush.

Price ... 5/-

No. 1400W.



Sketching Box.

No. 1401W.

Contains 20 half-pans of Artists' Water Colours, tube of white, two real Sable and one real Siberian Hair Brushes.

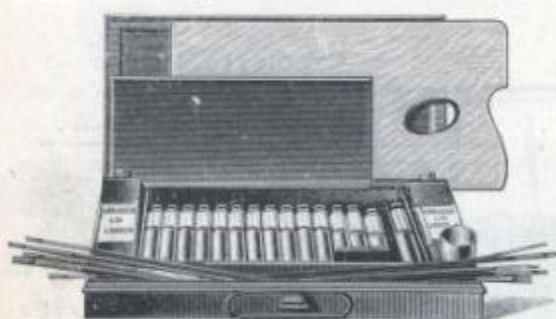
Price ... 10/6

Sketching Box (illustrated).

No. 1400W.

Contains 16 half-pans of Artists' Water Colours, tube of white, two real Sable and one real Siberian Hair Brushes.

Price ... 7/6



No. 1398W. (12½ in. x 6 in.)

Containing Palette, 8 Hog Hair and 3 Fitch Hair Brushes, japanned bottles of Oil and Turps, Palette Knife, Dipper, 1 double and 14 single tubes of Artists' Oil Colours.

Complete ... 20/-

The Box empty, including two empty Japanned Bottles, 8/6; Palette, 1/-.

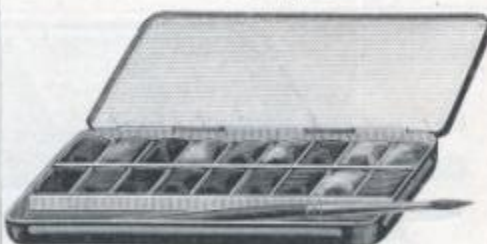
Studio Box.

No. 1402. (12½ in. x 8½ in.)
Containing Palette, 10 Hog Hair and 2 Fitch Hair Brushes, Badger Hair Softener, japanned bottles of Turps, Linseed Oil, Drying Oil, and Mastic Varnish, Palette Knife, Double Dipper, 6 double and 21 single tubes of Artists' Oil Colours.

Complete, 42/-
Box, with four empty Japanned Bottles, 17/8
Palette only, 1/2



No. 1403W.



The "Gem" Colour Box.

A diminutive Pocket Box of Artists' Water Colours. Contains 18 colours and sable Brush, size No. 5.

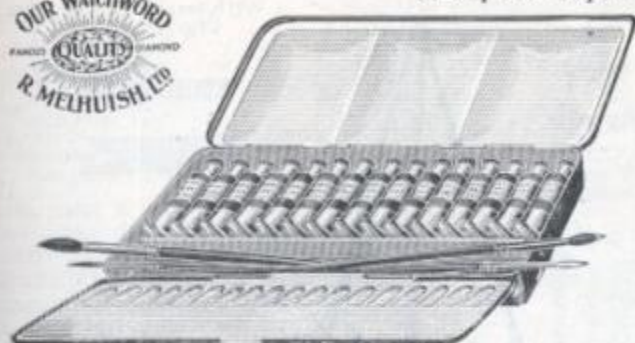
Price ... 5/-

N.B.—Other Artists' Boxes at all prices from 5/- to £6 : 6 : 0 obtained to order.

Contractors to the Home, Indian, and Colonial Governments.

Students' Water Colours.

In Superior Japanned Tin Boxes.



No. 1404W. Contains 15 whole Tubes of Water Colours and 4 Camel Hair Brushes.

Price complete ... 4/4



No. 1405W.

Contains 12 whole Tubes of Water Colours, China Divided Palette, Water Cup, and 3 Camel Hair Brushes.

Price complete ... 5/3

No. 1406W.

Contains 20 whole Tubes of Water Colours, Japanned Palette, and 4 Camel Hair Brushes.

Price complete ... 9/2

Mahogany Palettes for Oil Painting.



No. 1407W.

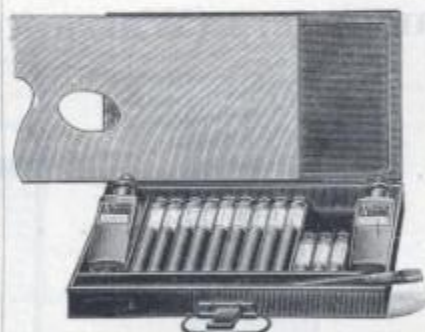


No. 1408W.

Length.	No. 1407W.	No. 1408W.
7 in. ... each	-/8	-/11
8 " " "	-/9	1/-
9 " " "	-/10	1/2
10 " " "	-/11	1/3
11 " " "	1/-	1/4
12 " " "	1/2	1/6

Japanned Boxes for Oil Painting.

Fitted with Students' Colours.



No. 1410W.
(9½ x 5½ in.)



No. 1412W.
(10½ x 7½ in.)

No. 1409W.	No. 1410W.	No. 1411W.	No. 1412W.	No. 1413W.
Pocket Sketching Box.	Sketching Box.	Sketching Box.	Sketching Box.	Sketching Box.
Containing Palette, 2 Brushes, and 12 Tubes Students' Oil Colours.	Containing Palette, 2 Brushes, Bottles of Oils and Turps, and 12 Students' Oil Colours.	Containing Palette, 2 Brushes, Bottles of Oils and Turps, Dipper, and 16 Students' Oil Colours.	Containing Palette, 4 Artists' Brushes, Bottles of Oils and Turps, 2 Dippers, Palette Knife, 1 Double and 18 Single Tubes of Students' Oil Colours.	Containing Palette, 9 Artists' Brushes, Bottles of Linseed Oil, Turps and Drying Oil, Dipper, Palette Knife, 2 Double and 18 Single Tubes of Students' Oil Colours.
Complete ... 3/-	Complete ... 4/4	Complete ... 6/6	Complete ... 9/2	Complete ... 13/-
The Box empty 1/6	The Box empty 2/4	The Box empty 3/9	The Box empty 4/6	The Box empty 6/4
Palette only ... -/6	Palette only ... -/7	Palette only ... -/9	Palette only ... -/10	Palette only ... 1/2

Important to those ordering through Shippers. In order to ensure entire satisfaction we advise our friends to be careful in giving definite instructions that the goods shall be procured direct from our house. By these means they may be sure of receiving the pattern and quality specified in our Catalogues.

R. MELHUISE, Ltd., LONDON, E.C.

Bronze Medal, 1884.—Gold Medal 1890.

Sketching Easels and Stools.

- No. 1414W. Deal Easel, 4 ft. high, with folding legs, wire pegs and tray ...
 " 1415W. Stained Wood Easel, 4 ft. high, with folding legs, wire pegs and tray ...
 " 1416W. Stained Wood Easel, 5 ft. 6 in. high, with folding legs, wire pegs, and tray ...
 " 1417W. Polished Oak Easel, 4 ft. 6 in. high, with folding legs and tray. This easel is furnished with an entirely new hinged joint which requires no loose pegs or screws, and is as light and as rigid as this class of easel can be made ...

2/4

4/-

5/4

6/8

No. 1421W.

With Improved Leg Joint Clip (Protected).



This Easel is made of a light and strong wood, and stands 4 ft. 9 in. high. It has no loose pegs, being fitted with an improved clip attachment to the folding legs which is very simple and cannot get out of order; it has a tray, and the canvas is kept steady by means of a block sliding on one leg.

4/8 each.

No. 1418W.

No. 1419W.



- No. 1418W. 3 legs, fixed canvas seat, 21 in. or 24 in. 3/- each.
 " 1419W. 4 legs, loose canvas seat, 21 in. or 24 in. 4/- "
 " 1420W. 4 legs, loose webbing... 2/3 "

Thermometers (Warranted).



No. 1422W.

Bevelled Boxwood, Spirit.

8 10 in.
1/- 1/3 each.



No. 1423W.
Boxwood.

Mercury, Enamelled Tube.

8 10 in.
1/6 2/3 each.



No. 1424W.

Bevelled Porcelain.

8 10 in.
3/- 4/- each.



No. 1425W.

Japanned Case, Mercury.

8 10 in.
1/3 1/6 each.

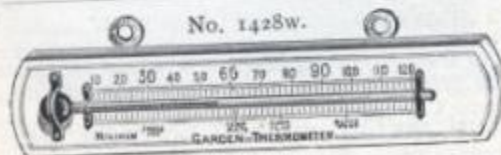


No. 1426W.

Six's Self-Registering Maximum and Minimum, White Case, Zinc Scale, Enamelled Tube with Magnet.

8 10 in.
4/6 8/6 each.

The 8 in. have Ball Top and the 10 in. Cylinder Tubes.



No. 1428W.

Best Boxwood Garden. Self-Registering, Enamelled Tube, Minimum.

8 10 in.
1/6 2/- each.

No. 1427W.
Copper Case, Mercury, Best Enamelled Tube.

8 10 in.
26 3/- each.

Tool, Machine, and Hardware Merchants and Manufacturers.

Artist's Water Colours. Best English Manufacture.

No. 1428w.

	Half Pans or Tubes.	Whole Pans or Tubes.		Half Pans or Tubes.	Whole Pans or Tubes.
*Alizarin Blue	each. -/7½	each. 1/-	Lamp Black	each. -/5	each. -/8
Alizarin Crimson; Permanent Crimson	-/7½	1/-	Lemon Yellow Pale; Barium Yellow	-/7½	1/-
Antwerp Blue; Cyanine Blue	-/5	-/8	*Lemon Yellow Deep	-/7½	1/-
Aureolin; Cobalt Yellow	1/4	2/-	Light Red; Burnt Ochre; Mars Orange	-/5	-/8
Bistre	-/5	-/8	Mars Brown; Verona Brown	-/5	-/8
*Blue Black	-/5	-/8	Naples Yellow	-/5	-/8
Brown Madder	-/5	-/8	Neutral Tint	-/5	-/8
Brown Pink	-/5	-/8	New Blue; Pale Ultramarine	-/5	-/8
Burnt Sienna	-/5	-/8	Olive Green	-/5	-/8
Burnt Umber	-/5	-/8	Payne's Grey	-/5	-/8
Cadmium Extra Pale; Radiant Yellow	-/10	1/4	Permanent Blue; Deep Ultramarine	-/5	-/8
Cadmium Pale	-/10	1/4	Pink Madder; Madder Lake	-/10	1/4
Cadmium Middle	-/10	1/4	Prussian Blue; Chinese Blue	-/5	-/8
Cadmium Deep or Orange	-/10	1/4	Purple Lake; Burnt Lake	-/7½	1/-
Carmine	-/10	1/4	Purple Madder	-/10	1/4
*Cerulean Blue; Cerin Blue	-/7½	1/-	Raw Sienna	-/5	-/8
*Charcoal Grey	-/5	-/8	Raw Umber	-/5	-/8
Chinese White; Zinc White	-/5	-/8	*Roman Ochre; Mars Yellow	-/5	-/8
Chrome Yellow Pale	-/5	-/8	*Rose Doré	-/10	1/4
Chrome Yellow Middle	-/5	-/8	Rose Madder; Madder Carmine	-/10	1/4
Chrome Yellow Deep	-/5	-/8	*Rose Madder Deep	-/10	1/4
Chrome Orange	-/5	-/8	*Rubens Madder	-/10	1/4
Chromium Oxide Green	-/7½	1/-	Sap Green; Olive Lake	-/5	-/8
Cobalt Blue	-/10	1/4	Scarlet Lake	-/7½	1/-
Cobalt Green	-/10	1/4	*Scarlet Madder	-/10	1/4
Crimson Lake	-/7½	1/-	Sepia	-/7½	1/-
Emerald Green	-/5	-/8	Terre Verte; Verona Green	-/5	-/8
French Ultramarine; French Blue	-/5	-/8	Ultramarine Ash	-/10	1/4
Gamboge	-/5	-/8	Vandyke Brown; Cassel or Cologne Earth	-/5	-/8
Green Bice; Green Lake	-/5	-/8	Venetian Red	-/5	-/8
Hooker's Green Pale; Alizarin Green Pale	-/5	-/8	Vermilion Pale; Scarlet or Orange Shade	-/7½	1/-
Hooker's Green Deep; Alizarin Green Middle	-/5	-/8	Vermilion Middle (ordinary shade)	-/5	-/8
Indian Red	-/5	-/8	Vermilion Deep; Chinese Vermilion	-/5	-/8
Indian Yellow	-/7½	1/-	Viridian; Emerald Oxide of Chromium	-/7½	1/-
Indigo	-/5	-/8	Warm Sepia	-/7½	1/-
Italian Lake; Yellow Lake; Italian Pink	-/5	-/8	Yellow Ochre	-/5	-/8
Ivory Black	-/5	-/8			



Whole Tube.



Half Pan.

Colours marked * are not made in cakes.

Students' Water Colours.

No. 1439w.

Names of Colours.

Antwerp Blue.	Lamp Black.
Brown Madder.	Lemon Yellow.
Burnt Sienna.	Light Red.
Burnt Umber.	Mauve.
Cadmium Yellow.	Naples Yellow.
Carmine.	Neutral Tint.
Chinese White.	Olive Green.
Chrome Yellow Pale.	Payne's Grey.
Chrome Yellow Middle.	Prussian Blue.
Chrome Yellow Deep.	Purple Lake.
Chrome Orange.	Raw Sienna.
Cobalt Blue.	Raw Umber.
Crimson Lake.	Rose Madder.
Emerald Green.	Sap Green.
Gamboge.	Scarlet Lake.
Green Bice.	Sepia.
Hooker's Green Pale.	Ultramarine.
Hooker's Green Deep.	Vandyke Brown.
Indian Red.	Vermilion.
Indian Yellow.	Warm Sepia.
Indigo.	Yellow Ochre.
Ivory Black.	

Whole Tubes	1/9 doz.
China Pans	1/4 doz.
	1/1½ doz.



Whole Tube.



China Pan.

Waterproof Drawing Inks for Draughtsmen.

No. 1430w.

Blue Green.	Payne's Grey.
Brick Red.	Pink.
Burnt Sienna.	Plum.
Carmine.	Prussian Blue.
Cobalt Blue.	Purple.
Crimson Lake.	Raw Sienna.
Emerald Green.	Scarlet.
Fixed Indian Ink.	Sepia.
Fixed Artists' Black.	Ultramarine.
Indigo.	Vandyke Brown.
Lemon.	Vermilion.
Neutral Tint.	Violet.
Olive Green.	Yellow.
Orange.	Yellow Green.

In Large Bottles	-/10 each.
In Small Bottle (illustrated)	-/6 "
In 1-Pint Bottles	3/- "
In 1-Pint Bottles	5/6 "
In Pint Bottles	10/- "

Orders of 20/- and upwards Carriage Paid (with few exceptions).

No. 1431W. Artists' Oil Colours.

In Ordinary 4 in. Tubes, $-\frac{3}{4}$ each;
 $\frac{3}{4}$ per doz. In Small Studio Tubes,
 $-\frac{7}{9}$ each. In Studio Tubes, $-\frac{9}{9}$ each. In
Extra Studio Tubes, $\frac{1}{6}$ each. In One
Pound Tubes, $\frac{3}{4}$ each—

Antwerp Blue; Cyanine Blue
Bitumen; Asphaltum.
Blue Black.
Brown Pink.
Burnt Sienna.
Burnt Umber.
Caledonian Brown.
Charcoal Grey.
Chrome Yellow Pale.
Chrome Yellow Middle.
Chrome Yellow Deep.
Chrome Orange.
Emerald Green.
Indian Red; Mars Red.
Indigo.
Italian Lake; Yellow Lake; Italian Pink.
Ivory Black.
Lamp Black.
Light Red; Burnt Ochre.
Mars Brown.
Medium.
Mergilp.
Naples Red.
Naples Yellow Pale; French Naples Yellow.
Naples Yellow Deep.
Neutral Tint.
Payne's Grey.
Prussian Blue; Chinese Blue.
Raw Sienna.
Raw Umber.
Roman Ochre; Brown Ochre; Mars Yellow.
Siccatis.
Sugar of Lead.
Terre Verte; Verona Green.
Trans. Golden Ochre.
Vandyke Brown; Cassel Earth; Cologne Earth.
Venetian Red.
Verona Brown.
Yellow Ochre.
Zinc White; Permanent White; Constant White.

2 in. Ordinary Tubes, $-\frac{3}{4}$ each. Small Studio Tubes,
 $\frac{1}{2}$ each. Studio Tubes, $\frac{1}{6}$ each—

Alizarin Blue.
Alizarin Crimson; Permanent Crimson.
Alizarin Green Pale (Hooker's Pale Tint).
Alizarin Green Middle (Hooker's Deep Tint).
Alizarin Green Deep (Prussian Green Tint).
Alizarin Yellow (Gamboge Tint).
Brown Madder.
Citron Yellow; Zinc Chrome.
Crimson Lake.
French Ultramarine; French Blue; Middle Ultra.
Mars Violet.
New Blue; Pale Ultramarine; Azure Blue.
Olive Green.
Permanent Blue; Deep Ultramarine.
Purple Lake; Burnt Lake; Burnt Carmine.
Purple Madder.
Sap Green; Olive Lake.
Scarlet Lake.
Scarlet Madder.

2 in. Ordinary Tubes, $-\frac{6}{6}$ each. Small Studio Tubes,
 $\frac{1}{6}$ each. Studio Tubes, $\frac{2}{3}$ each—

Carmine.
Cerulean Blue; Cerin Blue.
Chromium Oxide Green (opaque).
Lemon Yellow Pale; Barium or Permanent Yellow (continued).



2 in. Tube.



4 in. Tube.



Small Studio Tube.



Studio Tube.

2 in. Ordinary Tubes (continued).

Lemon Yellow Deep; Strontium Yellow.
Vermilion Pale; Scarlet, Orange or Extract of Vermilion.
Vermilion Middle (ordinary shade).
Vermilion Deep; Chinese Vermilion.
Viridian; Emerald or Transparent Chromium Oxide.

2 in. Ordinary Tubes, $\frac{1}{4}$ each. Small Studio Tubes,
 $\frac{3}{4}$ each. Studio Tubes, $\frac{4}{6}$ each—

Cadmium Extra Pale; Radiant Yellow; Daffodil Yellow.
Cadmium Pale.
Cadmium Middle.
Cadmium Deep; Cadmium Orange.
Cobalt Blue.
Cobalt Green.
Indian Yellow.
Pink Madder; Madder Lake.
Rose Doré.
Rose Madder; Madder Carmine.
Rose Madder, Deep.
Ultramarine Ash.

FLAKE WHITE.

Ordinary, Thin, or Stiff.

In Ordinary 4 in. Tubes, $-\frac{3}{4}$ each; $\frac{3}{4}$ doz.
" Small Studio " $-\frac{7}{9}$ "
" Studio " $-\frac{9}{9}$ "
" Extra Studio " $\frac{1}{2}$ "
" One Pound " $\frac{2}{4}$ "

A large and varied Stock of Engineers' Tools and Motor Accessories.

English-Made Tool Sets.

No. 1432W.
In Stout Cardboard Box.



Containing 7 Tools.

Size 15 x 4½ x 2 in.

Saw	Gimlet	Hammer
Rule	Bradawl	Turnscrew
Chisel		Booklet

Price ... 2/6 each.

No. 1433W.
In Stout Cardboard Box.



Containing 10 Tools.

Size 16 x 4½ x 2 in.

Saw	File	Bradawl
Chisel	Turnscrew	Rule
Hammer	Gimlets (2)	Mallet
	Booklet	

Price ... 3/6 each.

No. 1434W.
In Stout Cardboard Box.



Containing 13 Tools.

Size 16½ x 4½ x 2½ in.

Saw	Bradawls (2)	Mallet
Chisel	Hammer	Pliers
Turnscrew	File	Nail Lifter
Gimlets (2)	Rule	Booklet

Price ... 5/- each.

No. 1435W.
In Stout Cardboard Box.



Containing 16 Tools.

Size 18 x 5 x 2½ in.

Saw	Rule	Carpenter's
Chisel	File	Pencil
Turnscrews (2)	Hammer	Marking-
Gimlets (2)	Pliers	Gauge
Bradawls (2)	Pliers	Metal Plane
	Booklet	

Price ... 7/6 each.

No. 1436W. In Strong Wood Chest.



Containing 19 Tools.

Size 19½ x 6 x 3½ in.

Saw	Chisels (2)	Pliers	Rule
Hammer	Gouge	File	Bradawls (2)
Metal Plane	Gimlets (2)	Marking Gauge	Punch
Spokeshave	Pincers	Turnscrew	Carpenter's Pencil
		Booklet	

Price ... 10/6 each.

No. 1437W. In Strong Wood Chest.



Containing 22 Tools.

Size 22 x 8 x 4 in.

Handsaw	Gouge	Marking Gauge	Carpenter's Pencil
Hammer	Gimlets (2)	Turnscrews (2)	Mallet
Metal Plane	Pincers	Folding Rule	Marking Awl
Spokeshave	Pliers	Bradawls (2)	Brad Punches
Chisels (2)	File	Punch	Booklet

Price ... 15/- each.

No. 1438W. Set in Strong Wood Chest.

Containing 26 Tools.

Size 28 x 9 x 4 in.

Handsaw	Spokeshave	Pliers	Bradawls (2)	Glue Pot
Backsaw	Chisels (2)	File	Carpenter's Pencil	Brush
Metal Padsaw	Gouge	Marking Gauge	Mallet	Square
Hammer	Gimlets (2)	Turnscrews (2)	Marking Awl	Nails
Plane	Pincers	Folding Rule	Brad Punches	Booklet

Price ... 21/- each.



No. 1439W. Set in Strong Wood Chest.

Containing 34 Tools.

Size 28 x 9 x 5 in.

Handsaw	Chisels (3)	Marking Gauge	Marking Awl	Oil Stone
Backsaw	Gouges (2)	Turnscrews (2)	Brad Punches	Brace
Metal Padsaw	Gimlets (2)	Folding Rule	Glue Pot	Bits (3)
Hammer	Pincers	Bradawls (2)	Brush	Nails
Plane	Pliers	Carpenter's Pencil	Square	Booklet
Spokeshave	Files (2)	Mallet		

Price ... 30/- each.

No. 1440W. Set in Special Polished Oak Chest.

Chests made from well-seasoned Wood, ½ in. thick, beautifully polished and fitted with Strong Lock and Oxidized Copper Lifting Handles. An ideal present.

Containing 41 Tools.

Size 22 x 9½ x 5 in.

Handsaw	Gimlets (2)	Bradawls (2)	Oil Stone
Backsaw	Pliers	Carpenter's Pencil	Brace
Padsaw	Pincers	Mallet	Bits (6)
Hammer	Files (2)	Marking Awl	Nail Lifter
Plane	Rasp	Brad Punch	Hatchet
Spokeshave	Marking Gauge	Glue Pot	Oil Can
Chisels (3)	Turnscrews (2)	Brush	Booklet
Gouges (2)	Folding Rule	Square	

Price ... 42/- each.



Contractors to the Home, Indian, and Colonial Governments.

English Made Tool Sets.

No. 1441W. Set in Special Polished Oak Chest.

Containing 49 Tools. Size 28 x 10 x 6 in.

Handsaw	Pincers	Brad Punch
Backsaw	Files (2)	Glue Pot
Pad saw	Rasp	Brush
Hammer	Marking Gauge	Square
Jack Plane	Turnscrews (2)	Oil Stone
Smooth Plane	Folding Rule	Brace
Spokeshave	Spirit Level	Bright Bits (12)
Chisels (3)	Bradawls (2)	Nail Lifter
Gouges (2)	Carpenter's Pencil	Hatchet
Gimlets (2)	Mallet	Oil Can
Pliers	Marking Awl	Booklet

Price 63/-



No. 1442W.

Set in Special Polished Oak Chest.

The Tools in this Set are of absolutely the highest quality obtainable, and every one bears our full warranty. It would be possible to give many more tools for the same money, but we have preferred to make quality, not quantity, our guide in selecting. Every practical user of tools will appreciate this.

Containing 60 Tools. Size 32 x 11 x 7 1/2 in.



Handsaw	Marking Gauge	Square
Backsaw	Turnscrews (2)	Oil Stone
Hammers (2)	Rule	Files (2)
Smooth Plane	Bradawls (3)	Rasp
Jack Plane	Pad saw and Blades (4)	Brace and Bits (12)
Spokeshave	Nail Lifter	Hatchet
Chisels (6)	Oil Can	Spirit Level
Gouges (3)	Mallet	Carpenter's Pencil
Gimlets (3)	Marking Awl	Nails
Pincers	Brad Punch	Booklet
Pliers (combination)	Glue Pot and Brush	

Price 84/-

No. 1443W. Farmer's Set in Special Strong Chest.

Suitable for Estates, etc.

Size 28 x 11 x 5 1/2 in.

Comprising 32 Tools of First-class Quality, viz.—

26 in. Handsaw	8 in. Brace	No. 3 Farmer's Hammer
10 in. Backsaw	Bits (6)	10 in. Agricultural Wrench
2 ft. Two-Fold Rule	10 in. Files (2)	6 in. Box-Opening
7 1/2 in. Square	3 in. Gouge	Turnscrew
Bradawls (2)	1 in. and 1 1/2 in. Chisels	17 x 2 1/2 in. Jack Plane
Gimlets (2)	12 in. Cold Chisel	6 in. Bellhanger's Pliers
7 in. Pincers	Hunter's Hatchet	Spokeshave, 3 in. Blade
Oil Stone	8 in. Spirit Level	7 in. Aubert's Shears

Price £2 : 12 : 6



No. 1444W.

Emigrant's Tool Set in Strong Painted Deal Chest.

Size 33 x 16 x 15 1/2 in.

The Set comprises 60 Tools of First-class Quality.



Price for Empty Chest only ... £1 : 17 : 6

1 1/2 lb. Handled Axe	1 in., 3/4 in., 1/2 in. Handled Firmer Gouges	8 in. Handled Wood Rasp
No. 1 Handled Adze	8 in. Tower Pincers	2 1/2 in. Spokeshave
24 in. Handsaw	6 in. Cutting Pliers	10 in. Drawing Knife
12 in. Tenon Saw	3 lb. and 1 1/2 lb. Handled Hammers	Ratchet Brace and 18 Bits
14 in. Compass Saw	8 in. Wing Compasses	Gimlets (6)
2 1/2 in. Jack Plane	10 in. Coach Wrench	Bradawls (6)
2 1/2 in. Smooth Plane	1 in., 1 1/4 in. Handled Screw Angers	5 1/2 in. Mallet
1 in. Square Rabbit Plane	7 in. London Screwdriver	Marking and Mortise Gauges
1 in. Grooving Planes (1 pair)	9 in. Rosewood Square	Marking Awl
3/4 in., 1 in., 1 1/4 in. Handled Firmer Chisels	4 in. Cabinet Screwdriver	Nail Punch
1/2 in., 3/4 in., 1 in. Handled Mortise Chisels	8 in. Handled Flat File	Chalk Line and Reel
1 1/4 in., 1 1/2 in. Handled Socket Chisels	7 in. Handled Half-round File	Glue Pot and Brush
	4 1/2 in. Handled Saw File	2 ft. Two-Fold Brass Rule
		Stocked Oil Stone
		Oil Can
		7 in. x 1 in. Cold Chisel

Price £7 : 10 : 0 Complete.

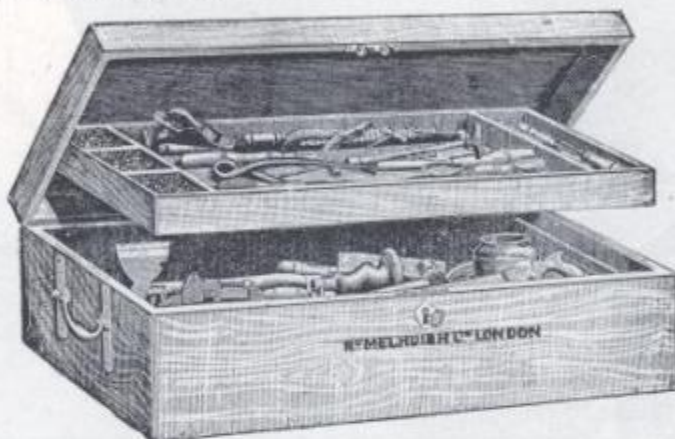
Bronze Medal, 1884.—Gold Medal, 1890.

Presentation Tool Chests.

No. 1445W.

These are an entirely new thing in Oak Tool Chests, both as regards shape and contents, and are introduced as being specially suitable for presents, etc. They are elegantly polished and finished with good lock and brass handles, name plate, and all the Tools are of superior quality.

C.S. Hand Saw
Steel Polled Hatchet
Hammer
2 ft. Boxwood Rule
Best Tower Pincers
4 C.S. Gimlets
4 C.S. Bradawls
4 C.S. Firmer Chisels
2 C.S. Firmer Gouges
Claw Wrench
3 Files
Cased Oilstone
Marking Awl
Nail Punch
Cutting Punch



Marking Gauge
Cutting Gauge
Flat-nose Pliers
C.S. Compasses
C.S. Double Iron
Smoothing Plane
Fret Saw and Pad
Polished Beechwood
Mallet
Furniture, etc.
Drawing Knife
2 Turnscrews
Spokeshave
Plated Square
Glue Pot and Brush

Complete with Tools ... £3 : 2 : 6 | If Empty Chest only ... £1 : 10 : 0

Special Presentation Tool Chest.

No. 1446W.

Made in highly polished Oak, with round corners, and fitted with brass edge and corner plates and inscription plate on cover. The Tools selected are all of the most superior quality and form. A very handsome and comprehensive outfit. Approximate size of Chest, 30 x 18 in.; 16 in. deep.



- | | | |
|---|--|--|
| 1 Disston's Hand Saw | 1 2 ft. Boxwood Rule, with Scales | 1 G Cramp |
| 1 12 in. Disston's Brass Back Saw | 1 pair Lancashire Pincers | 1 Set Carving Tools |
| 1 Pad Saw | 12 Gimlets | 1 Set Sharpening Slips |
| 1 Turning Saw | 6 Bradawls | 1 Tool Pad, with 10 Cutting and Small Boring Tools |
| 1 Hack Saw for Metal | 6 Gouges, handled | 1 Ebony Spirit Level |
| 1 doz. Blades for same | 6 Bevelled-edge Chisels | 1 Mallet |
| 1 Saw Set | 4 Wood Files, handled | 1 Adjustable Plumb Bob |
| 2 Hammers | 1 Oilstone | 1 pair Combination Cutting Pliers |
| 1 Adjustable Steel Smooth Plane | Marking Awl | 1 pair each Flat and Round Nose ditto |
| 1 Steel Jack Plane | 3 Punches | 1 Nickel-plated Hand Vice |
| 1 1 1/2 in. Gun-metal Bullnose Plane, with steel face | 1 6 in. Ratchet Screwdriver | 1 Bench Anvil |
| 1 Nickel-plated Ratchet Brace | 1 Combination " | 1 pair Bright Compound Lever Cutting Nippers |
| 1 Set 24 Straw-coloured Bits | 1 Patent Circular Spokeshave | 1 pair Hand Shears for Cutting Metal, etc. |
| 1 Patent Flat-bottomed Boring Bit, each 1/2, 3/4 in. | 1 9 in. Plated Square | 1 pair Side Cutting Nippers |
| 1 Expansive Bit, 1/2 to 1 1/2 in. | 1 7 1/2 in. Bevel | 1 Adjustable Spanner |
| 1 Hand Drill | 1 pair Compasses | 1 Steel Chipping Chisel |
| 4 Bit Stock Drills for Metal, 1/8 to 3/8 in. | 1 each Marking, Cutting, and Mortise Gauge | 1 Copper Oil Can |
| 1 Patent Bit Holder | 1 Copper Glue Pot and Brush | 1 Bench Vice |
| 3 Mortise Chisels | 1 Draw Knife | 1 Steel Calliper Gauge |
| 1 1 1/2 lb. Axe, bright finish | 1 Cabinet Scraper and Handle | |
| | 2 Riffle Files | |

We include an Assortment of Steel Pins, Brass and Iron Screws, various Brass Fittings, etc., so very useful in the house.

Price ... £16 : 16 : 0

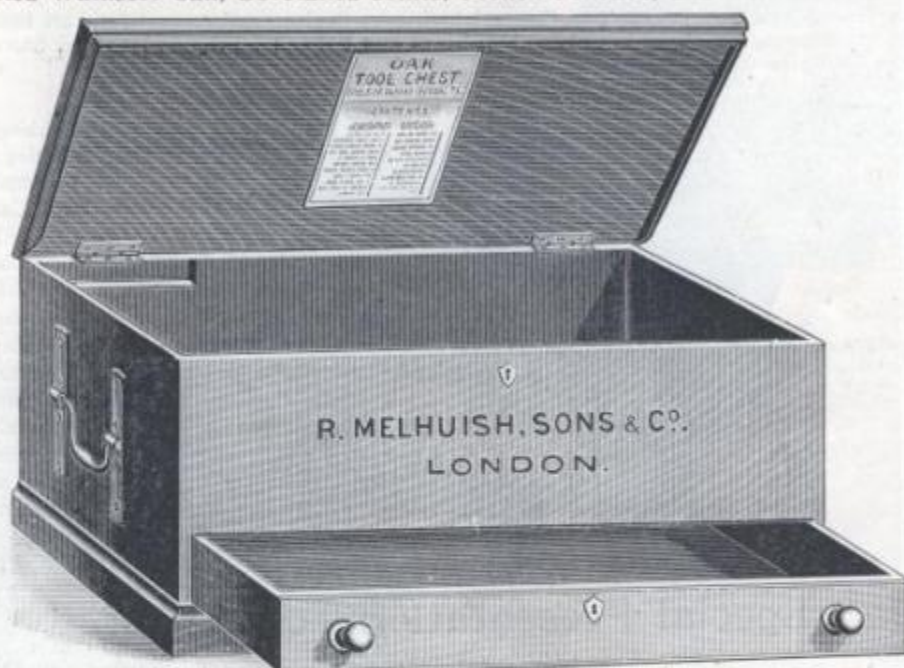
We also supply the same style of Chest with a smaller number of Tools, making them up to any given value, and shall be pleased to submit detailed estimates for same. Correspondence invited.

Rd. MELHUISH, Ltd.

Tool, Machine, and Hardware Merchants and Manufacturers.

Superior Oak Tool Chests.

Best selected Wainscot Oak, Dovetailed Joints, French Polished, and well finished throughout.



Chest No. 1447W.

16 in. long, 8½ in. wide, and 4 in. deep.

Inner tray with divisions, brass folding handles, trimmings and chest lock, containing 23 Tools, viz. :—

Pincers	Square	Mallet
2 Gimlets	Claw Wrench	Rule
2 Bradawls	Furniture, etc.	3 Files
1 Chisel	C.S. Hand Saw	Oil Stones
Gauge	Hatchet	Marking Awl
Spokeshave	Hammer	Punch
	Turnscrew	

Complete, with Tools, 22/6

Empty, 8/6

Chest No. 1448W.

17 in. long, 9 in. wide, and 4½ in. deep.

Small inner tray with divisions, best brass folding handles, etc., and good chest lock, containing 28 Tools, viz. :—

C.S. Hand Saw	3 Bradawls	Spokeshave
Hatchet	2 Chisels	Square
Hammer	Gauge	Oil Stone
Mallet	3 Files	Claw Wrench
Rule	Marking Awl	Pliers
Pincers	Punch	Compasses
3 Gimlets	Turnscrew	Furniture, etc.

Complete, with Tools, 28/-

Empty, 9/6

Chest No. 1449W.

18 in. long, 10 in. wide, and 5 in. deep.

Well polished, and neatly finished, with inside tray, brass folding handles, and chest lock, containing 33 Tools, viz. :—

C.S. Hand Saw	Plane	3 Files
Hatchet	2 Turnscrews	Oil Stone
Hammer	Spokeshave	Square
Mallet	Saw Pad	Claw Wrench
Rule	3 Gimlets	Pliers
Pincers	3 Bradawls	Compasses
Marking Awl	3 Chisels	Furniture, etc.
Punch	2 Gouges	

Complete, with Tools, 35/6

Empty, 11/6

Chest No. 1450W.

19 in. long, 10½ in. wide, and 8 in. deep.

With outside drawers, and inside tray, brass strap handles, trimmings, and double link chest and drawer locks, containing 38 Tools, viz. :—

C.S. Hand Saw	Square	Marking Awl
Hatchet	Claw Wrench	Smoothing
Hammer	Pliers	Plane
Mallet	Compasses	Marking Gauge
Rule	4 Bradawls	Glue Pot and
4 Gimlets	4 Chisels	Brush
Pincers	2 Gouges	Furniture
2 Turnscrews	3 Files	Lock Saw
Spokeshave	Oil Stone	Punch

Complete, with Tools, 45/6

Empty, 19/-

Chest No. 1451W.

20 in. long, 11 in. wide, and 9 in. deep.

With outside drawer and inner tray with divisions, brass strap handles and trimmings, double link chest and drawer locks. A very useful sized Chest, containing 48 Tools of good quality, viz. :—

Best Hand Saw	Claw Wrench	Marking Awl
Axe	Pliers	Punch
Hammer	Compasses	2 Turnscrews
Mallet	Lock Saw	Marking Gauge
Rule	Smoothing	Glue Pot and
Pincers	Plane	Brush
5 Gimlets	5 Chisels	Drawing Knife
5 Bradawls	3 Gouges	Cutting Punch
2 Spokeshaves	4 Files	Scraper
Square	Oil Stone	Bevel
	Furniture, etc.	

Complete, with Tools, 57/6

Empty, 21/-

Chest No. 1452W.

21 in. long, 11½ in. wide, and 10 in. deep.

With one outside drawer and inner tray suitably divided, strong brass strap handles, furniture and double link chest and drawer locks, containing 57 Tools of warranted quality, viz. :—

2 Best Saws	Compasses	3 Turnscrews
Axe	Lock Saw	2 Spokeshaves
2 Hammers	Smoothing	Marking Gauge
Mallet	Plane	Glue Pot and
Rule	Jack Plane	Brush
Pincers	6 Chisels	Drawing Knife
6 Gimlets	4 Gouges	Cutting Punch
6 Bradawls	4 Files	Scraper
Square	Oil Stone	Bevel
Claw Wrench	Marking Awl	Furniture, etc.
Pliers	2 Punches	

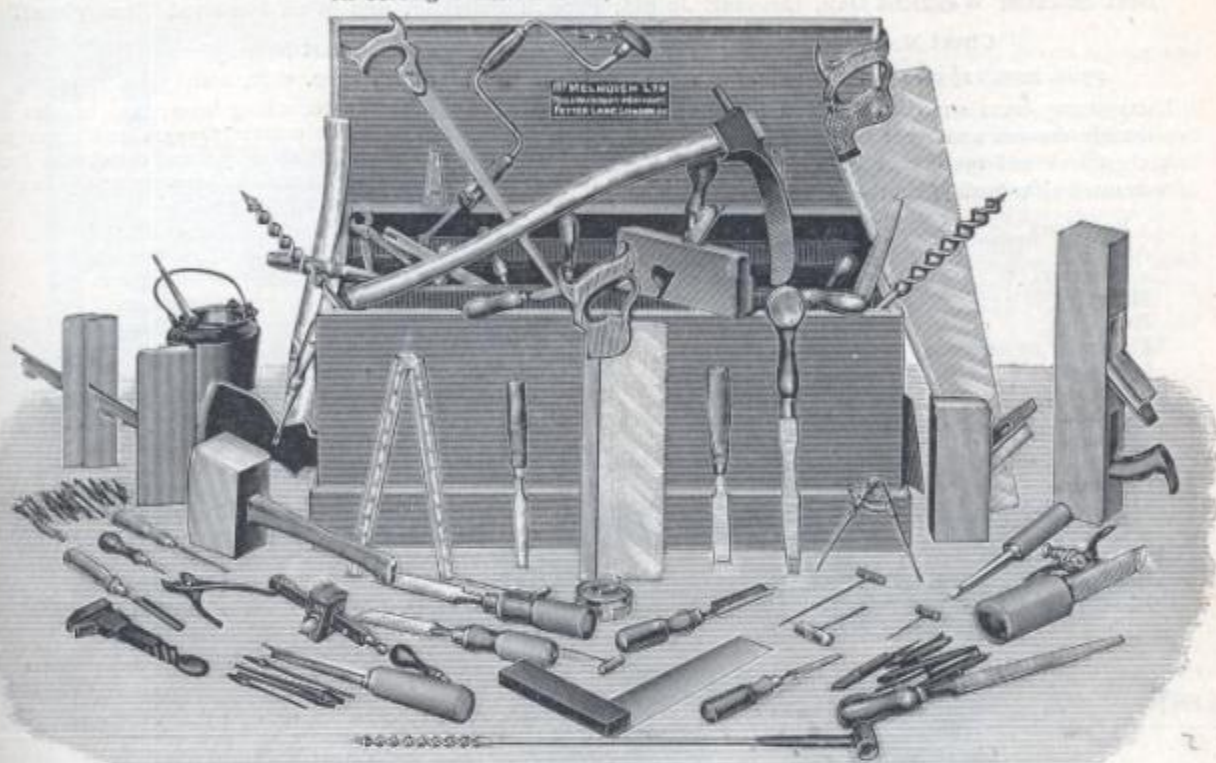
Complete, with Tools, 68/-

Empty, 24/-

Orders of 20/- and upwards Carriage Paid (with few exceptions).

The Emigrant's Tool Chest.

In strong Painted Deal, and Selected Tools.



Chest No. 1453w. Outside measurements, $34 \times 17 \times 17\frac{1}{2}$ in.
Contains 108 tools, viz.:-

1½ lb. Handled Axe	3 in. Round Blade Screwdriver
Handled Adze	9 " Rosewood Square
26 in. Hand Saw	7½ " Bevel
12 " Tenon Saw	8 " Handled Flat File
14 " Compass Saw	7 " Half-Round File
2½ " Jack Plane	7 " Round File
2½ " Smoothing Plane	8 " Half-Round Rasp
2½ " Try Plane	4 " and 6 in. Taper Saw Files
1 " Rabbet Plane	3 " Spokeshave
1 pair ½ in. Grooving Planes	10 in. Drawing Knife
½ in. Bead Plane	Ratchet Brace and 30 Bits
Moving Fillister Plane	7 Gimlets
6, 6½, 7, 7½, 8 in. Handled Firmer Chisels	6 Bradawls
1, 1½, 1¾ in. Handled Socket Chisels	2 Flooring Awls
1, 1½, 1¾ in. Handled Mortise Chisels	5½ in. Mallet
and 1½ lb. Handled Hammers	Marking and Mortise Gauges
8 in. Tower Pincers	Marking Awl
6 " Cutting Pliers	2 Nail Punches
8 " Wing Compasses	Chalk Line and Reel
10 " Coach Wrench	Glue Pot and Brush
2, 1, 1½ in. Handled Screw Augers	2 ft. 2-fold Brass Rule
5 and 8 in. London Screwdrivers	Stocked Oilstone
	Oil Can
	4 lb. Bench Vice
	6 x ½ and 8 x ½ in. Cold Chisels

Price £11 : 10 : 0
Empty Chest only 2 : 2 : 0

Chest No. 1454w. Outside measurements $35 \times 19 \times 18\frac{1}{2}$ in.
Contains 136 tools, viz.:-

2 lb. Handled Axe	4 in. Round Blade Screwdriver
Handled Adze	9 " Rosewood Bevel
26 in. Hand Saw	6 and 12 in. Rosewood Squares
12 " Tenon Saw	5 " 8 in. Handled Flat Files
14 " Compass Saw	8 in. Half-Round File
2½ " Jack Plane	8 " Round File
2½ " Smoothing Plane	8 " Half-Round Rasp
2½ " Try Plane	4½ and 6 in. Saw Files
1 " Skew Rabbet Plane	2 " 3½ " Spokeshaves
½ and ¾ in. Bead Planes	10 in. Drawing Knife
Moving Fillister Plane	Ratchet Brace and 36 Bits
Plough Plane and 6 Irons	7 Gimlets
Set of 12 (½ to 1½ in.) Handled Firmer Chisels	7 Bradawls
Set of 6 (½ to 1½ in.) Handled Firmer Gouges	2 Flooring Awls
Set of 5 (½ to 1½ in.) Handled Socket Chisels	6 in. Mallet
Set of 3 (½ to 1½ in.) Handled Mortise Chisels	Marking and Mortise Gauges
½ lb. and 1½ lb. Handled Hammers	" Awl
8 in. Tower Pincers	2 Nail Punches
6½ " Flat-nose Cutting Pliers	Chalk Line and Reel
6 " Round-nose Pliers	Glue Pot and Brush
8 " Wing Compasses	2 ft. 2-fold Brass Rule
10 " Coach Wrench	Stocked Oilstone
½, 1, 1½ in. Handled Screw Augers	Oil Can
6 and 9 in. London Screwdrivers	4 lb. Bench Vice
	6 x ½ and 8 x ½ in. Cold Chisels
	12 in. Turning Saw Frame
	Keyhole Saw and Pad
	66 ft. Measuring Tape in Case

Price £15 : 7 : 6
Empty Chest only 2 : 7 : 6

A large and varied stock of Engineers' Tools and Motor Accessories.

Superior Oak Tool Chests.

Best Selected Wainscot Oak, Dovetail Joints, French Polished, and Well Finished Throughout.

Chest No. 1455W.

23 in. long, 12½ in. wide, and 13 in. deep.

Extra strong brass strap handles, brass furniture, with two outside drawers and inner tray with divisions, double link chest lock and two drawer locks, containing 65 Tools of warranted extra quality, viz. :—

3 Best Saws	2 Spokeshaves
Axe	Square
2 Hammers	Claw Wrench
Mallet	2 Pairs Pliers
Rule	Compasses
Pincers	Lock Saw
6 Gimlets	Smoothing Plane
6 Bradawls	Jack Plane
6 Chisels	Cutting Gauge
4 Gouges	Marking Gauge
4 Files	Mortise Gauge
Oil Stone	Glue Pot and Brush
Marking Awl	Drawing Knife
3 Punches	Cutting Punch
3 Turnscrows	Scraper
Bed Key	Bevel
Hand Vice	Chalk Line Reel
	Furniture, etc.

Complete with Tools	...	...	...	...	92/6
Empty	...	...	...	...	35/-

Chest No. 1457W.

25 in. long, 13½ in. wide, and 14½ in. deep.

Massive brass strap handles and brass furniture, with two outside drawers and inner tray with suitable compartments, double link chest lock and two drawer locks, containing 87 Tools of extra quality, viz. :—

3 Best Saws	2 Pairs Pliers
Axe	Compasses
3 Hammers	Lock Saw
Mallet	Smoothing Plane
Rule	Jack Plane
Pincers	Cutting Gauge
6 Gimlets	Marking Gauge
6 Bradawls	Mortise Gauge
8 Chisels	Glue Pot and Brush
4 Gouges	Drawing Knife
6 Files	Cutting Punch
Oil Stone	Scraper
Marking Awl	Bevel
3 Punches	Coach Wrench
3 Turnscrows	Chalk Line Reel
Gas Pliers	Brace, and
Hand Vice	12 Assorted Bits
2 Spokeshaves	Cutting Nippers
Square	2 Mortise Chisels
Claw Wrench	Furniture, etc.

Complete with Tools	...	...	...	...	136/-
Empty	...	...	...	...	42/-

Chest No. 1456W.

24 in. long, 13 in. wide, and 13½ in. deep.

Elegantly finished extra strong brass strap handles and brass furniture, with two outside drawers and inner tray with divisions, double link chest lock and two drawer locks. A most useful chest for an amateur, containing 69 Tools of Melhuish's warranted extra quality viz. :—

3 Best Saws	Square
Axe	Claw Wrench
2 Hammers	2 Pairs Pliers
Mallet	Compasses
Rule	Lock Saw
Pincers	Smoothing Plane
6 Gimlets	Jack Plane
6 Bradawls	Cutting Gauge
6 Chisels	Marking Gauge
4 Gouges	Mortise Gauge
5 Files	Glue Pot and Brush
Oil Stone	Drawing Knife
Marking Awl	Cutting Punch
3 Punches	Scraper
3 Turnscrows	Bevel
Pliers	Chalk Line Reel
Hand Vice	2 Mortise Chisels
2 Spokeshaves	Coach Wrench
	Furniture, etc.

Complete with Tools	...	...	...	...	114/6
Empty	...	...	...	...	39/-

Chest No. 1458W.

26 in. long, 14 in. wide, and 18 in. deep.

Massive brass strap handles and furniture, with three outside drawers and inner tray suitably divided, good double link chest lock, three drawer locks, etc., containing 103 Tools of warranted extra quality, viz. :—

3 Best Saws	Compasses
Axe	Lock Saw
3 Hammers	Smoothing Plane
Mallet	Jack Plane
Rule	Cutting Gauge
Pincers	Marking Gauge
9 Gimlets	Mortise Gauge
9 Bradawls	Glue Pot and Brush
9 Chisels	Drawing Knife
4 Gouges	Cutting Punch
6 Files	Scraper
Oil Stone	Bevel
Marking Awl	Coach Wrench
3 Punches	Chalk Line Reel
3 Turnscrows	Brace, and
Gas Pliers	18 Assorted Bits
Hand Vice	Cutting Nippers
2 Spokeshaves	2 Mortise Chisels
Square	Saw Set
Claw Wrench	Spring Dividers
2 Pairs Pliers	Bench Vice
	Furniture, etc.

Complete with Tools	...	...	...	...	172/-
Empty	...	...	...	...	45/-

Contractor to the Home, Indian, and Colonial Governments.

No. 1459W.

Cabinet Maker's Bench.

(For Light Work.)



With Front Vice, Wooden Bench Screws and Guides, and two Bench Stops.

Although low in price, this Bench is strong and durable, and can be supplied with or without drawer between frame.

The top is made from several pieces exactly and carefully jointed, and can neither warp nor twist. The guide rails are made from very dry, hard wood, and the Bench Screws, which are soaked in hot oil before being fitted, are proof against the influence of air and weather.

Length over Top, not including vice jaw, 55 in.
Width over all, 23 in.

Price £2 : 14 : 6

Work Benches, made from Solid Beechwood.

No. 1460W.

Of heavy and substantial manufacture, and fitted with Front and End Vices with hardwood screws; also with a pair of Iron Bench Stops. There is a well in the top, also a commodious Drawer underneath.

Length 4 ft.	...	Price	42/-
" 5 ft.	...	"	50/-
" 6 ft.	...	"	65/-
" 7 ft.	...	"	75/-

We can fit any Instantaneous Grip Vice to the 5, 6, and 7 ft. sizes of this Bench.

Prices and particulars of Technical Benches up to 12 ft. long sent on application.



Melhuish's New Pattern Work Bench.

No. 1461W.

With Drawers and Cupboard, also Instantaneous Vice and Adjustable Stops for holding work.

The top is made from well-seasoned Beech, and the front is of Stained Mahogany and polished.

The Cupboard is fitted with a 2-keyed Lever Lock.

5 ft. long, 20 in. wide,
36 in. high,
£6 : 18 : 0

6 ft. long, 20 in. wide,
36 in. high,
£7 : 10 : 0

N.B.—We can fit Lever Locks with Keys to the Five Drawers, at an extra charge of 11/3.



All Benches Carriage Forward.

Bronze Medal, 1884.—Gold Medal, 1890.

New Design Special Pattern Work Bench.

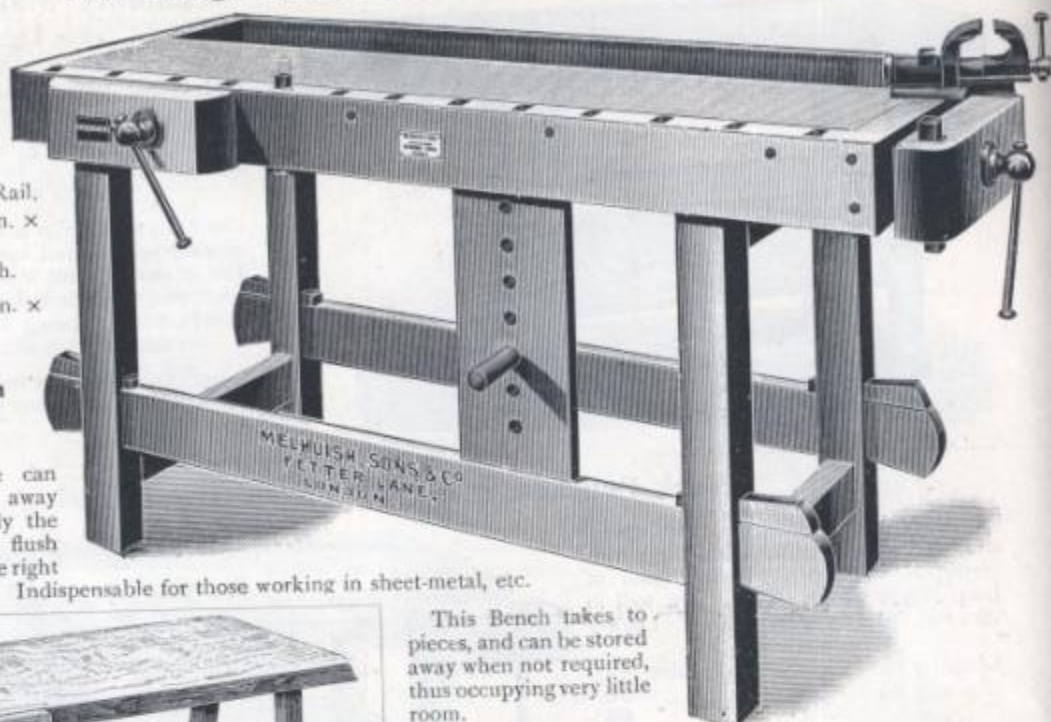
No. 1462W.

With Adjustable Metal Stops for holding and clamping work; also fitted with 2 Best Quality Bright Wrought Square-Thread Bench Screws, and Sliding Rail, 5 ft. long \times 1 ft. 11 in. \times 2 ft. 9 in. high, £2 : 10 : 0 each.

6 ft. long \times 1 ft. 11 in. \times 2 ft. 9 in. high, £3 each.

If with large Bench Vice with Steel Jaws, 15/- extra.

This useful Vice can be fixed and taken away instantly, leaving only the small flat plate sunk flush with the bench. (See right hand of illustration.) Indispensable for those working in sheet-metal, etc.



This Bench takes to pieces, and can be stored away when not required, thus occupying very little room.



Boy's Work Bench, with Twin Screw Bench Vice and Hardwood Bench Stop.

No. 1463W.

Well and substantially made from Solid Beechwood. Dimensions of Top, 54 in. long \times 15 in. wide \times 1 1/8 in. thick. Height 31 in.

Price 25/- each.

Other sizes of this pattern made to order. Quotations will be sent on receipt of sketch or specification.

Melhuish's Technical Pattern Work Bench.

No. 1464W.

Made of selected and well-seasoned wood.

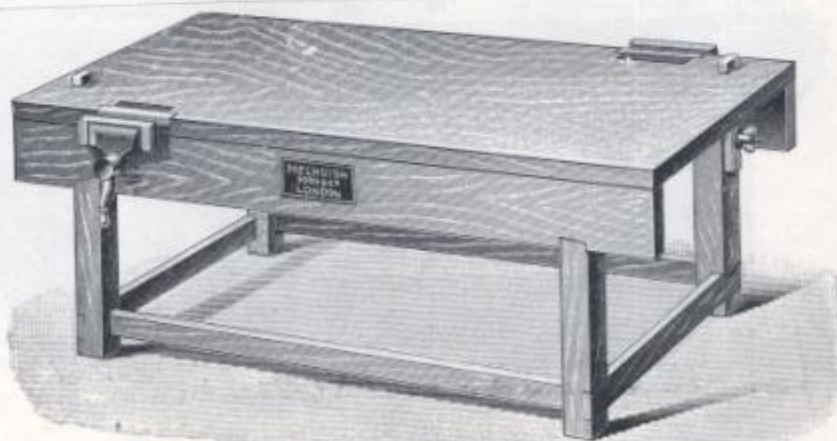
Length 5 ft. \times 2 ft. wide \times 30 in. high.

Price, with 2 Wood Bench Screws, 29/6

With 2 Iron Bench Screws of best quality, 37/6

With 2 Instantaneous Grip Iron Vices, each with 7 in. wide jaws, 55/-

With Hardwood Top, 6/- extra.



Tool, Machine, and Hardware Merchants and Manufacturers.



Price
7/6
each.

Workshop Stool.

No. 1465W.
New Pattern.

Of substantial make,
and fitted with a
Machine-cut Flat
Thread
Rising
Screw.

Packing,
1/-
extra.

Combined Tool Tray and Nail Box.

No. 1466W.



In White Wood (polished), 3/- each.
In Stained Mahogany, with Sliding Top,
4/6 each.

If fitted with the following Tools:
Hammer, Pincers, Screwdriver, 2 ft. 4-fold
Rule, Gimlet, Bradawl, also Nails and
Screws, 3/6 extra.

Revolving Stool.

No. 1467W.



Made from
Hardwood
(not polished),
very strong,
and fitted with
Adjustable
Flat Thread
Screw and Iron
Boss.

Price
14/6 each.

Packing,
1/- extra.



Melhuish's New Pattern Solid Oak Work Bench.

Specially constructed by our own workmen
for Motor Workshop.

No. 1468W.

With Hardwood Top.

Size of Bench, 3 ft. x 2 ft. x 4 ft. 6 in. high.

Each Drawer is fitted with Brass Lever Lock, with
two keys to pass.

PRICE, EMPTY ... £5 : 15 : 0

Tools as follows, extra :

Parallel Vice	...	£0 : 15 : 0
Drilling Machine	...	2 : 11 : 6
10 in. Screw Wrench	...	0 : 4 : 9
8 in. Hack Saw	...	0 : 3 : 0
Hand Vice, Improved	...	0 : 3 : 6
Spanner, Adjustable	...	0 : 4 : 9
Screwdriver, Boxwood	...	0 : 2 : 9
Hammer, Engineers'	...	0 : 2 : 3
Hand Drill, and Set of Drills	...	0 : 6 : 0
Pliers, Combination N.P.	...	0 : 5 : 6
Clyburn Spanner	...	0 : 3 : 6
Three Files, Handled	...	0 : 2 : 0

All as Illustrated.

N.B.—We employ our own Cabinet
Makers, so can supply to customers'
own sizes or designs.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

No. 1469W.

New Pattern Collapsible Work Bench.

With Melhuish's Patent Fall-down Cover, with Lock and Key.

The top is of Solid Beech, and has Adjustable Winding Stop.

Price with 7 in. Vice, Instantaneous Action, and Tool Rack, £6 : 5 : 0.

Size 48 in. long, 22 in. wide, 39 in. high.

Tools extra according to customer's requirements.



No. 1470W.

Melhuish's New and Improved Solid Oak Hanging or Bench Cupboard.

"A place for everything, and everything in its place."

French polished and fitted with 5 Drawers (4 Short and 1 Long), Panelled Doors, Brass Fittings, and Best Workmanship throughout.

Outside measurements:

42 in. high, 24 in. wide, 9 in. deep.

Price without Tools ... £3 : 10 : 0

Packing Case for same, 7/6. This will be allowed for in full if returned carriage paid and received by us in good condition.

These Cupboards, made by us in our own workshops, will give every satisfaction to our customers, and we can fit them up with any selection of tools that may be required.

Cupboards, Benches, Carving, and all kinds of Cabinet work made up to our customers' specifications and drawings.

NOTE.—All goods bearing our name are warranted perfect as far as material and workmanship are concerned. If a tool should prove too soft or break in consequence of a flaw in the steel, and be returned within a reasonable time from date of purchase, a new tool will be given in exchange. If it should be broken where the steel is sound it cannot be exchanged free.

RICHARD MELHUISH, LTD.



A large and varied Stock of Engineers' Tools and Motor Accessories.

Best Tool Racks and Cabinets.

Polished Pine Household Racks.

No. 1471W.

No. 1. Size $10\frac{1}{2}$ in. \times $15\frac{1}{2}$ in. ... 5/- each.

Contains 6 Tools:—C.S. Hand Saw, Hammer, Turncrew, Gimlet, Bradawl, Tack Lifter.

No. 2. Size $10\frac{1}{2}$ in. \times $15\frac{1}{2}$ in. ... 6/6 each.

Contains 9 Tools:—C.S. Hand Saw, Hammer, Turncrew, 3 Square Saw File, 2 Gimlets, Bradawl, Pincers, Tack Lifter.

No. 3. Size 11 in. \times $16\frac{1}{2}$ in. ... 8/6 each.

Contains 12 Tools:—C.S. Handsaw, Hammer, Chisel, 2 Turncrews, 3 Square Saw File, 2 Gimlets, Bradawls, Pliers, Pincers, Tack Lifter.



Best Polished Oak Cabinets.

Fitted with Lock and Key, 2 Drawers.

No. 1.

No. 1472W.

Wide. Long. Deep.
Size 14 in. \times 21 in. \times $5\frac{1}{2}$ in.

Contains 25 Tools.

C.S. Hand Saw, 2 Hammers, Handled Axe, Gouge, Chisel, Mallet, 2 Turncrews, Square, 3 Files, Tack Lifter, 2 Bradawls, 2 Gimlets, Pincers, Pliers, Glue Pot and Brush, Plane, Compasses, Rule, Cold Chisel, Nails, Screws, etc.

51/- each.

No. 2.

Wide. Long. Deep.
Size 16 in. \times 26 in. \times $7\frac{1}{4}$ in.

Contains 46 Tools.

C.S. Hand Saw, C.S. Tenon Saw, 2 Hammers, 2 Turncrews, Plated Square, Beech Spokeshave, Saw Pad and Saw, Brace and 6 Bits, 2 Handled Chisels, 2 Handled Gouges, 3 Handled Files, Handled Rasp, Hatchet, Pincers, Mallet, Glue Pot and Brush, Iron Plane, Cutting Pliers, Compasses, Marking Awl, Brad Punch, 3 Gimlets, 3 Bradawls, Hand Vice, Spirit Level, Coach Wrench, Handled Scraper, Rule, Cold Chisel, Oilstone in Case, Nails, Screws, etc.

84/- each.



Contractors to the Home, Indian, and Colonial Governments.

Tool Cabinet.

Strongly made of Selected Chestnut, Panelled and well Finished.



No. 1473W.

"A place for everything, and everything in its place."

Outside dimensions, $28\frac{7}{8} \times 24\frac{7}{8} \times 8\frac{3}{4}$ in.

It contains the following Tools, every one of which is warranted:

- | | | | |
|--------------------|--------------------------------|-----------------------------|------------------------|
| 1 Rip Saw | 1 Oil Whetstone | 1 Screwdriver Bit | 1 Pair Cutting Nippers |
| 1 Cross Cut Saw | 1 Oiler | 2 Screwdrivers | 1 " Flatnose Pliers |
| 1 Compass Saw | 1 Can Glue | 2 Files | 1 " Gas Pliers |
| 1 Hack Saw | 1 Ratchet and Brace | 1 Cabinet Scraper | 1 " Wing Dividers |
| 1 Coping Saw | 3 Gimlet Bits | 1 Automatic Drill | 1 Rule |
| 2 Planes | 7 Auger " | 1 Tool Holder with 10 Tools | 1 Marking Gauge |
| 1 Spokeshave | 1 Countersink | 1 Steel Nail Hammer | 1 Try Square |
| 1 Steel Hatchet | 1 Steer's Patent Expansive Bit | 1 Cup Point Nail Set | 1 Plumb and Level |
| 6 Chisels, Handled | 1 Square Rimer | 1 Tack Hammer | 1 Hexagon Level |

Weight about 48 lb. Weight, packed in Crate, about 75 lb.

Price complete ... £8 : 10 : 6



This Section of our Catalogue contains the leading lines in Wood Workers' Tools, Machines, and Accessories, etc. We have other Sections, embracing a great variety of Engineers' Tools, Machines, and Appliances, Electrical Goods, Motor Tools, Horticultural and Estate Agents' Tools, Builders' and Furnishing Ironmongery, etc. Copies of these Sections will be sent on application. We are also pleased to receive inquiries for copies of our Catalogues for sending abroad, and would point out that special attention and care is always given by our experienced men to the packing of export orders—a fact greatly appreciated by the leading Shippers.

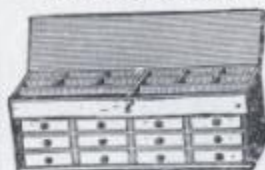
Bronze Medal, 1884.—Gold Medal, 1890.

Chests of Drawers and Wood Boxes.

For Nails, Screws, Small Fittings, etc., etc.



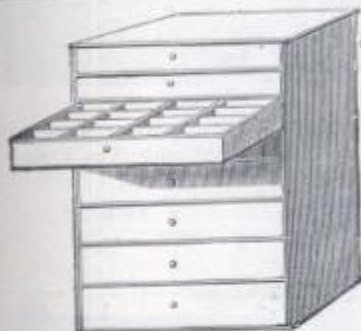
No. 1474w. **Walnut.**
12 Compartments.
Size $12 \times 3\frac{1}{2} \times 1\frac{1}{2}$ in. ... 2/3 each.



No. 1475w. **Whitewood.**
6 Drawers, Size $2\frac{1}{2} \times 7\frac{1}{2} \times 4\frac{1}{2}$ in. 2/- each.
9 Drawers, size $3\frac{1}{2} \times 7\frac{1}{2} \times 4\frac{1}{2}$ in. 2/6 each.
12 Drawers, size $3\frac{1}{2} \times 10 \times 4\frac{1}{2}$ in. 3/- each.
12 Drawers, size $4 \times 12\frac{1}{2} \times 4\frac{1}{2}$ in. 3/3 each.



No. 1476w. **Solid Oak.**
9 Drawers, size $4\frac{1}{2} \times 9\frac{1}{2} \times 4\frac{1}{2}$ in. ... 5/- each.
12 " " $4\frac{1}{2} \times 13 \times 4\frac{1}{2}$ " ... 6/- "
7 " " $5\frac{1}{2} \times 13 \times 6\frac{1}{2}$ " ... 8/- "



No. 1477w. **Whitewood.**
16 Compartments in each Drawer.
4 Drawers, Size $8\frac{1}{2} \times 11\frac{1}{2} \times 11$ in. 9/- each.
6 " " $13 \times 11\frac{1}{2} \times 11$ " 11/6 "
8 " " $17\frac{1}{2} \times 11\frac{1}{2} \times 11$ " 14/6 "
10 " " $21\frac{1}{2} \times 11\frac{1}{2} \times 11$ " 17/- "



No. 1478w. **Whitewood.**
16 Drawers, $12 \times 9\frac{1}{2} \times 18$ in. high, 18/- each.



No. 1479w. **Whitewood.**
12 Drawers.
Size $28\frac{1}{2} \times 7\frac{1}{2} \times 7\frac{1}{2}$ in. 15/- each.
6 Drawers.
Size $28\frac{1}{2} \times 7 \times 7\frac{1}{2}$ in. 12/6 each.



No. 1480w. **Whitewood.**
4 Compartments in each Drawer.
20 Drawers, size $23\frac{1}{2} \times 12 \times 7\frac{1}{2}$ in. 10/- each.
24 Drawers, size $27\frac{1}{2} \times 12 \times 7\frac{1}{2}$ in. 12/- each.
30 Drawers, size $31\frac{1}{2} \times 18 \times 7\frac{1}{2}$ in. 15/- each.
36 Drawers, size $27\frac{1}{2} \times 18 \times 7\frac{1}{2}$ in. 18/- each.



No. 1481w. **Whitewood.**
8 Compartments in each Drawer.
20 Drawers, size $23\frac{1}{2} \times 12 \times 10\frac{1}{2}$ in. 15/- each.
24 Drawers, size $27\frac{1}{2} \times 12 \times 10\frac{1}{2}$ in. 17/6 each.
30 Drawers, size $31\frac{1}{2} \times 18 \times 10\frac{1}{2}$ in. 21/- each.
36 Drawers, size $27\frac{1}{2} \times 18 \times 10\frac{1}{2}$ in. 25/- each.

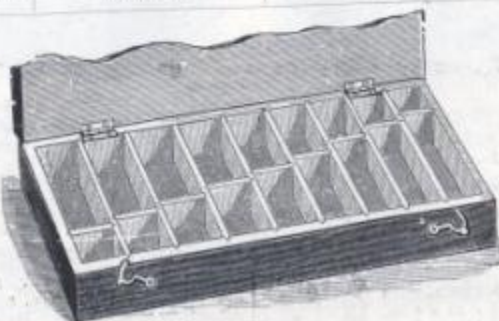
No. 1482w.

Deal, 18 Compartments.
Size $12 \times 4\frac{1}{2} \times 1\frac{1}{2}$ in. ... 1/3 each.

Deal, 18 Divisions. Extra strong.
Size $12 \times 5 \times 1\frac{1}{2}$ in. ... 1/6 each.

Deal, 20 Compartments.
Size $21 \times 7 \times 2$ in. ... 3/6 each.

Stained, 18 Compartments.
Size $11\frac{1}{2} \times 5 \times 1\frac{1}{2}$ in. ... 2/- each.



Stained, 24 Compartments.
Size $14\frac{1}{2} \times 5\frac{1}{2} \times 1\frac{1}{2}$ in. ... 2/9 each.

Mahogany, 18 Compartments.
Size $11\frac{1}{2} \times 5 \times 1\frac{1}{2}$ in. ... 3/- each.

Mahogany, 24 Compartments.
Size $14\frac{1}{2} \times 5\frac{1}{2} \times 1\frac{1}{2}$ in. ... 4/- each.

Walnut, 18 Compartments.
Size $11\frac{1}{2} \times 5 \times 1\frac{1}{2}$ in. ... 3/- each.

Walnut, 24 Compartments.
Size $14 \times 5\frac{1}{2} \times 1\frac{1}{2}$ in. ... 4/- each.

Tool, Machine, and Hardware Merchants and Manufacturers.

Chests of Drawers.

For Nails, Screws, Small Fittings, Collections, etc., etc.



No. 1483w.

London-made Dental Cabinet.

No. 1483w.
10 Drawers, $14\frac{1}{2} \times 11\frac{1}{2} \times 11$ in.,
15/- each.

No. 1484w. Ditto, Polished, 18/- each.

No. 1485w.
12 Drawers, all one height,
 $18\frac{1}{2} \times 11\frac{1}{2} \times 11$ in., 16/6 each.
No. 1486w. Ditto, Polished, 19/9 each.

No. 1487w.
7 Drawers, with side locking arrangement, 13/- each.
No. 1488w. Ditto, Polished, 16/6 each.

No. 1489w. 20 Drawers.
Height $20\frac{1}{2}$ in. ... Width $12\frac{1}{2}$ in.
Depth $9\frac{3}{4}$ in. Price 11/6 each.

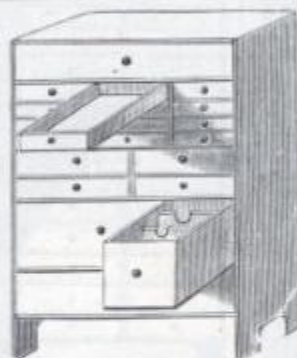


No. 1490w.

Tool Cabinet.

With side locking arrangement.

With	7	8	10	12	Drawers.
Pine	15/-	16/-	18/-	22/-	each.



No. 1492w.

12 Drawers.

Height ... 14 in.

Width ... $12\frac{1}{2}$ in.

Depth ... $9\frac{3}{4}$ in.

Price 7/6 each.

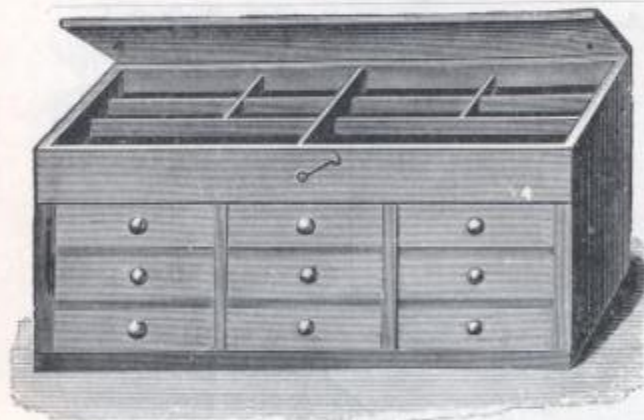


No. 1498w.

Chest of Drawers, 21 in. long, 12 in. high, and $11\frac{1}{2}$ in. deep, Stained and Polished Mahogany. The 5 Top Drawers contain in each 32 Round Metal Boxes (160 in all), $2\frac{1}{2} \times \frac{1}{2}$ in. deep, all with Glass Tops, thus enabling their contents to be seen at a glance without removing their covers, an advantage which is highly appreciated. The Bottom Drawer is empty, and is 3 in. deep.

Price 52/- each.

We fit up this Chest with an assortment of Screws, Brass Hooks, Eyes, Nails, etc., from our extensive stock of Cabinet Brass Foundry and Builders' Hardware, at an extra cost of 10/-, 15/-, or 20/-, according to selection. Metal Boxes, as above, 2/- per doz.



No. 1494w.

Polished Mahogany.

No. 1493w.	6 Drawers,	$3\frac{1}{2} \times 8\frac{1}{2} \times 4\frac{1}{2}$ in.	...	4/- each.
" 1494w.	9 "	as illustrated, $4 \times 8\frac{1}{2} \times 4\frac{1}{2}$ in.	...	4/6 "
" 1495w.	12 "	$4\frac{1}{2} \times 11\frac{1}{2} \times 4\frac{1}{2}$ in.	...	5/6 "
" 1496w.	7 "	various sizes, $5\frac{1}{2} \times 15\frac{1}{2} \times 5\frac{1}{2}$ in.	...	6/9 "
" 1497w.	Special Mahogany Chest, 6 Drawers, with secret locking arrangement,	$5\frac{1}{2} \times 11 \times 5$ in.	...	12/- "

Orders of 20/- and upwards Carriage Paid (with few exceptions).

No. 1499W.

The "Exonian."

Melhuish's Patent
Combined Wood
Carving and Joiner's
Work Bench and
Tool Cabinet.

Of the
Highest
Excellence
in Material, Design,
Construction,
Finish, Simplicity,
Ease of Working,
Utility and
Durability.

Length,
4 ft.

Width,
1 ft. 9 in.

Height,
3 ft. 3 in.



Made on our
premises by
Experienced
Cabinet
Makers,
and highly
polished.



"A place for everything, and everything in its place."

Illustration shows Cabinet in Position for Work, with the Lid firmly supported by means of two Patent Flush Bolts.

	Without Tools.	Fitted complete with Tools as specified on next page.
In best Wainscot Oak	£11 : 9 : 0	£20 : 11 : 9
American Walnut	12 : 10 : 0	21 : 12 : 9
Extra large size, with Work Bench 5 ft. long, and fitted with 12 Drawers in 2 Columns, made in American Walnut or best Wainscot Oak	16 : 10 : 0	30 : 0 : 0
EXTRAS: —Made with Ebonized Mouldings from the Solid		£0 : 7 : 6
Made specially for Export and to stand hot climates, with 12 Solid Brass Corners, 6 doz. Brass Screws, and bottom, back, inside, and all exposed parts thoroughly waterproof		2 : 2 : 0
Fitting and Fixing Carving Board Attachment, to enable operator to sit down for carving and similar work		1 : 0 : 0

All Empty Cabinets Carriage Forward.

All Cabinets priced "Without Tools" are fitted with Patent Instantaneous Grip Vice as "Excelsior" Cabinet.

We would recommend the Carving Board Attachment to all our Cabinets as a very useful addition. It makes the Bench double the width.

N.B.—All our Cabinets are fitted with **PATENT INSTANTANEOUS GRIP VICE**, also **RISE BENCH STOP**, and 3 ft. **STRAIGHT EDGE**, all tools priced separately. (No extra charge for fitting them to Cabinets.)

We shall be pleased to estimate cost of making Cabinet to harmonise with any furniture; or will fit up customer's own tools if so required.

SPECIAL NOTE.—It will perhaps occur to some intending purchaser while perusing this section of our Tool Chests and Cabinets, that the lists of Tools with which we furnish these articles could be considerably augmented, in some details at least, without additional cost. To this we would reply that, while giving due and careful attention to the various and special needs of those for whom these Tool Chests and Cabinets are intended, our first consideration is **QUALITY**, and not quantity.

A large and varied Stock of Engineers' Tools and Motor Accessories.

"The Exonian."



The whole of the Cabinet can instantly be closed and secured by a secret Lock with Small Key.

Bronze Medal, 1884.



Melhuish's Patent.



These Cabinets have a world-wide reputation for Elegance and Usefulness.

Gold Medal, 1890.



Contents of Cover.

	£	s.	d.
12 Addis' Famous Carving Tools, fancy pattern handles	10	0	0
9 Firmer Chisels, ditto	9	0	0
3 Bradawls	0	8	0
3 Gimlets	0	10	0
1 Screwdriver, boxwood handle	1	0	0
1 Small Cabinet Screwdriver	1	0	0
1 Sliding Bevel	2	0	0
1 3-in. Try Square	1	4	0
1 10½-in. Combination Square	3	6	0
1 Straight Edge	1	6	0
1 2-ft. 2-fold Boxwood Rule	1	9	0
1 Nickel-Plated Brace and 24 Bright Bits	1	0	0
1 Hand Drill	8	0	0
	£2	19	8

Right Cupboard.

	£	s.	d.
1 16-in. Hand Saw	4	0	0
1 12-in. Brass Back Tenon Saw	5	0	0
1 Dovetail Saw	4	6	0
1 Turning Saw	3	3	0
1 Compass Saw	1	6	0
1 Adze Eye Claw Hammer	3	6	0
1 Joiners' Hammer	1	6	0
1 Mitre Block	1	3	0
1 Iron-bound Mallet	2	6	0
1 Combination Marking and Mortising Gauge	4	0	0
1 Cutting Gauge	2	4	0
1 Draw Knife	2	6	0
1 Pair of Pincers	1	6	0
1 Large Cabinet Turnscrow	2	6	0
	£1	19	10

Left Cupboard.

	£	s.	d.
1 Jack Plane	5	6	0
1 Try Plane	6	9	0
1 Smooth Plane	3	9	0
1 Adjustable Plane	4	6	0
2 Truing Sticks	1	6	0
6 Gouges, handled	6	0	0
3 Mortise Chisels	4	3	0
1 File for Metal	1	0	0
1 File for Wood	1	0	0
1 Rasp for Wood	1	0	0
	£1	15	3

Drawers.

	£	s.	d.
1 Copper Glue Pot	3	6	0
1 Brush and Glue	1	0	0
1 Scraper Blade	0	6	0
1 Oilstone in Case	5	0	0
1 Slipstone	1	0	0
1 Oilcan	0	6	0
The Drawer with 20 Divisions fitted with a large variety of Ironmongery, Screw Hooks, Screw Eyes, Nails, Pins, Screws, etc., well selected from our extensive stock, so very useful to the Amateur Workman	11	6	0
	£1	5	0

Sundries.

	£	s.	d.
1 Pair Tinmen's Snips	2	6	0
1 " Flat Nose Pliers	1	0	0
1 " Round Nose Pliers	1	0	0
1 " Combination Pliers	3	0	0
1 Adjustable Spokeshave	2	6	0
1 Pair of Compasses	1	6	0
	£0	11	6

The Complete Set of Tools as above, £9 : 2 : 9.

Contractors to the Home, Indian, and Colonial Governments.

"The Excelsior" Patent Tool Cabinet and Work Bench Combined.

With all the latest improvements as in the "Exonian," viz. The Extra Deep Cover with seven panels, two Flush Bolts, and the Extended Rails for holding tools.

Length 4 ft. Width 1 ft. 9 in. Height 3 ft. 3 in.

This design is fitted with Carving Attachment to enable the operator to sit at ease while at work; this adds double width to the bench.



"A place for everything, and everything in its place."

No. 1500w. Prices complete with first quality tools as specified on next page:

In Best Wainscot Oak; selected and best workmanship	£22 : 17 : 6
Extra if made with Ebonized Mouldings	0 : 7 : 6
In American Walnut, all extra quality Brass Work	24 : 2 : 6

For prices of these Cabinets without tools, see page 205.

Bronze Medal, 1884.—Gold Medal, 1890.

**"The Excelsior" Patent Tool Cabinet
and Work Bench Combined.**

List of Tools.

Contents of Cover.		£	s.	d.	Left Door.		£	s.	d.
2 ft. Box Rule	...	1	9		Mortise-making Gauge	...	4	6	
1 Pair Combination Pliers	...	2	6		Ebony Cutting Gauge	...	3	6	
9 Firmer Chisels	...	9	0		Hand Drill	...	5	6	
3 Bradawls	...	0	9		Turning Saw Frame	...	3	6	
3 Gimlets	...	0	9		Drawing Knife	...	2	6	
1 10½ in. Square	...	3	6		Large Screwdriver	...	2	6	
1 3 in. Square	...	1	4		1 Pair Pincers	...	1		
1 7½ in. Bevel	...	2	0		1 Ebony Level	...	3	0	
2 Carving Tools	...	10	0				£1	6	6
1 Pair Wing Compasses	...	1	6						
1 Brace and 24 Bits	...	1	1	0					
2 Screwdrivers	...	1	8						
1 Pair Tin Snips	...	2	6						
1 " Round Nose Pliers	...	1	6						
1 " Flat " "	...	1	6						
1 Light Hammer	...	1	3						
1 Striking Knife	...	0	4						
2 Scrapers	...	1	0						
1 Cork Rubber	...	0	6						
1 Oil Can...	...	1	0						
		£3	5	4					
Left Cupboard.					Right Door.				
Rebate Plane	...	3	0		Adjustable Spokeshave	...	2	6	
Jack Plane	...	5	6		3 Firmer Gouges	...	3	0	
Smooth Plane	...	3	9		3 Files, assorted	...	2	6	
Adjustable Iron Plane	...	4	6		3 Rasps, "	...	2	6	
Copper Glue Pot and Brush	...	4	0		3 Strong Chisels	...	2	8	
Steel Anvil and Cutter	...	10	6				£0	13	2
1 Bright Claw Hammer	...	3	0						
		£1	14	3					
Right Cupboard.					Front Cupboard.				
Iron Bound Mallet	...	2	6		Bright Bench Holdfast	...	5	6	
Oilstone in Mahogany Case	...	5	0		" Carver's Screw	...	3	6	
Mitre Block	...	1	0		1 Pair Dividers	...	3	9	
Hand Saw	...	5	0		1 " Compasses	...	1	6	
Tenon Saw	...	4	9		1 Carver's Mallet	...	1	6	
Dovetail Saw	...	4	3		1 T-Square	...	2	6	
Keyhole Saw	...	1	6		1 Steel Straight Edge	...	3	0	
1 Joiner's Hammer	...	1	6		2 Set Squares	...	1	6	
		£1	5	6			£1	2	9
					Set of Tools, as fitted.				
					£9 : 7 : 6				
					<i>See opposite page.</i>				
					Extras.				
					Mounted Drawing Board with Walnut Rail and Patent rising and falling Brass Adjustment				
					Solid Oak Reading Stand, to Swivel				
					Board mounted with 24 Carving Tools				
					£3 : 2 : 6				

IMPORTANT TO THOSE ORDERING THROUGH SHIPPERS. In order to ensure entire satisfaction we advise our friends to be careful in giving definite instructions that the goods shall be purchased direct from our house. By these means they may be sure of receiving the pattern and quality specified in our Catalogues.

RICHARD MELHUISH, Ltd., LONDON, E.C.

Tool, Machine, and Hardware Merchants and Manufacturers.



Awards for
Excellence
BRONZE MEDAL
1884.



of Machines
and Tools.
GOLD MEDAL
1890.



Adzes
Augurs
Axes
Back Saws
Band Saws
Benches
Bevels
Billhooks
Bits
Blow Lamps
Braces
Bradawls
Bricklayers'
Tools
Buckets
Callipers
Carvers'
Outfits
Centre Bits
Chisels
Chucks
Compasses
Corkscrews
Cramps
Cutlery
Drain
Machines
Drills
Emery Cloth
Files
Frame Saws
Fret Saws
Fretwood
Gauges
Gimlets
Glue
Gouges
Grindstones
Hammers
Land Chains
Lathes
Levels
Mallets

The "Excelsior" Patent Tool Cabinet and Work Bench Combined.

No. 1501w. Length, 4 ft.; width, 1 ft. 9 in.; height, 3 ft. 3 in.
Without Tools, but fitted with New Patent Vice, Improved Bench Stop, 3-foot Straight Edge, also the Rails for holding tools. This Pattern has an Extra Deep Cover, and is also fitted with Carving Arrangement to enable operator to sit at ease. This gives double width to the Bench.



In Best Wainscot Oak, Polished, and extra quality Brasswork... £13 : 10 : 0
Extra if made with Ebonized Mouldings ... 0 : 7 : 6
In American Walnut, Polished, and extra quality Brasswork ... 14 : 15 : 0
Extra if fitted with Combination Drawing and Writing Board,
top lined with Morocco ... 0 : 11 : 6

Masons' Tools
Measuring-
Tapes
Mitre Boxes
Mortar Mills
Mortise-
Gauges
Motor Tools
Oil
Oil Cans
Oil Stoves
Pad Saws
Paint Mills
Painters'
Tools
Picks
Pincers
Pit Saws
Planes
Plasterers'
Tools
Rasps
Ratchet
Braces
Razors
Rules
Sash Cramps
Saws—
all kinds
Scissors
Screwdrivers
Squares
Sieves
Spokeshaves
Tool Chests
Trucks
Turning-
Tools
Turnscrews
Vices—
all kinds
Wrenches
etc., etc.



The "Cam" Bench Stop Raiser.

In Iron.



No. 1501½w.
Painted Blue and
complete with Screw,
and Metal Bush.
Price ... 1/2 each.
13/- per doz.



Orders of 20/- and upwards Carriage Paid (with few exceptions).

"The Windsor" Work-Bench Tool Cabinet

(R. MELHUISH'S PATENT).

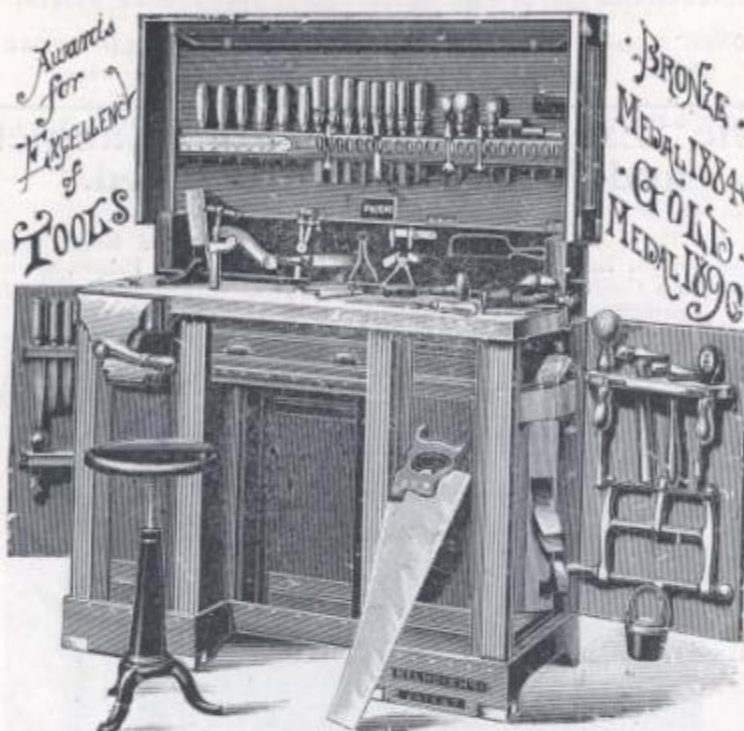
No. 1502W.

With Deep Cover and
of the very best work-
manship throughout.

Length,
4 ft.

Width,
1 ft. 9 in.

Height,
3 ft. 3 in.



The Tools sent out
with this Cabinet are
of Warranted Quality,
and as supplied to
practical workmen.

Other selection of
Tools than that given
below can be supplied.

A large selection of
these Cabinets is
always on view in our
Showrooms.

Prices, Without Tools, but fitted with Patent Instantaneous Vice :

Basswood ... £7 : 0 : 0 Wainscot Oak ... £8 : 5 : 0 American Walnut ... £9 : 0 : 0

Complete with Tools, as specified below :

Basswood ... £11 : 0 : 0 Wainscot Oak ... £12 : 5 : 0 American Walnut ... £13 : 0 : 0

List of Tools with which we usually furnish "The Windsor" Work-Bench Tool Cabinet:—

	s.	d.		s.	d.
12 Carving Tools	10	0	1 Frame Bow Saw	3	6
1 Duplex Iron Plane	1	3	1 9 in. Tenon Saw	3	0
1 Straight Edge, 3 ft. 6 in.	1	6	1 2½ in. Jack Plane	5	6
1 Bright Hammer	1	6	1 2 in. Smoothing Plane	3	9
1 2 ft. 2-fold Rule	1	0	1 Joiner's Hammer	1	3
3 Twist Gimlets	0	10	1 Melhuish's Hand Saw	3	6
3 Patent Bradawls	0	8	1 Box Drawing Knife	2	6
1 Screwdriver each, -/10, 1/6	2	4	1 Brace, and Set of 24 well-assorted Bright Boring Bits	10	9
1 Cabinet Scraper	0	5	1 Pair Pincers	1	3
6 Assorted Firmer Chisels	4	2	1 Spokeshave	0	9
3 Assorted Firmer Gouges	2	1	1 Beechwood Gauge	1	6
1 6 in. Combination Square	2	4	2 Rasps, handled	1	10
1 Boxed Oilstone	3	0	1 Pencil	0	1
1 Can Liquid Glue	1	6	1 Bright Bench Holdfast	5	6
1 Beech Mallet	1	6			
1 Beech Mitre Block	1	3	Total	£4	0 : 0

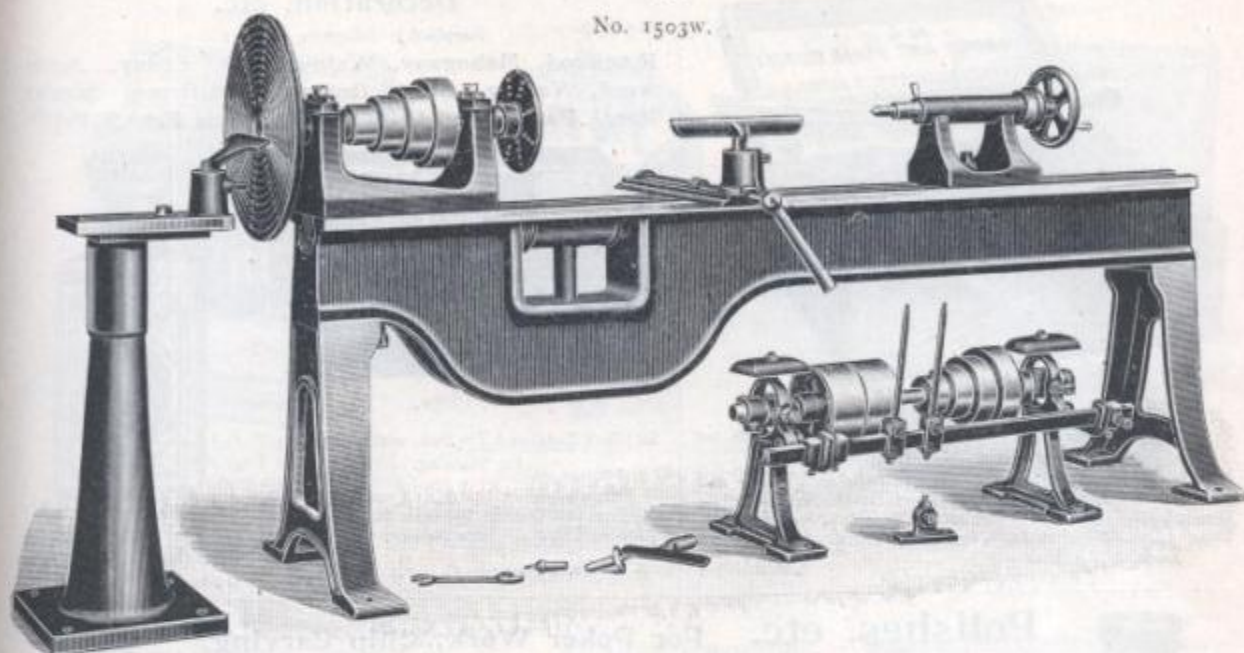
IMPORTANT TO THOSE ORDERING THROUGH SHIPPERS. In order to ensure satisfaction we advise our friends to be careful in giving definite instructions that the goods shall be procured direct from our house. By these means they may be sure of receiving the pattern and quality specified in our Catalogues.

R. MELHUISH, LTD., LONDON, E.C.

A large and varied Stock of Engineers' Tools and Motor Accessories.

Wood-Turning Lathes.

No. 1503W.



A very strong and substantial design, suitable for general wood-turning, pattern- and cabinet-making, etc., etc.

The Bed is of strong cast iron, truly planed and scraped, and mounted on heavy iron standards, and the fast and loose Headstocks—cored castings in one piece—are accurately machined to fit bed.

The Spindles are of steel, and run in phosphor bronze adjustable bearings, and have front end screwed and bored for various kinds of chucks and centres; a tail pin bearing is fitted to take the thrust.

The four-speed Cone Pulleys are turned inside and out so as to be in perfect balance.

The price includes fast and loose Headstocks mounted on iron bed, suitable Countershaft, with Cone, Fast and Loose Pulleys and Belt Motion, improved Hand Rest to instantly fasten in any position by a handle attached to an eccentric shaft, Face Plate, two T Rests, Fork Centre, Dead Centre, Screw Centre, and set of Spanners.

No.	Height of Centres.	Length of Bed.	Length will turn.	Diameter of Pulleys on Countershaft.	Revs. per minute of Countershaft.	Price.
	in.	ft.	ft. in.	in.		
1	6	6	3 8	6	800	£15 : 0 : 0
2	8	8	4 11	8	600	£20 : 0 : 0
3	9	10	6 7	10	500	£27 : 10 : 0
4	10	10	6 7	10	400	£32 : 0 : 0
5	12	12	8 3	12	350	£40 : 0 : 0

Free on Rail at Works.

Extra Length of Bed, per foot extra £1 : 0 : 0

If made with Spindle extended at back of Headstock and fitted with large face plate and adjustable rest on heavy pillar stand (as illustrated) for turning articles of large diameter £3 : 10 : 0

These lathes are also made to work by foot power, treadle motion. Prices on receipt of requirements. Also supplied without gap bed at a reduced price.

7½ per cent. extra f.o.b. Liverpool; 10 per cent. extra f.o.b. London.

Contractors to the Home, Indian, and Colonial Governments.

Art Stains. For Marqueterie, Poker Work, Relief Burning, Mosaic Decoration, etc.



No. 1504w.

In Polished Stained Walnut Box, with full Directions for Marqueterie Staining.

CONTENTS.—10 Stains, 2 French Polishes (White and Antique), Background Brush, Medium Brush, Sable Outline Brush, Camel Hair Polish Dabber, Chinese Ink, Mapping Pen, Linseed Oil, Knife, Tin Tray, and China Palette.

Price complete ... 9/6



No. 1505w.

In Black Japanned Tin Box, with directions for Staining.

CONTENTS.—5 Stains, 1 French Polish, Medium and Outline Brushes, Chinese Ink, Linseed Oil, and China Palette.

Price complete ... 4/3



No. 1506w.

Per 2 oz. bottle ... 6 each
6 doz. lots ... 5/3 doz.
Gross ... 4/11

Polishes, etc. For Poker Work, Chip Carving, Mosaic Decoration, Marqueterie, etc., etc.



Rapid Polish.

No. 1507w.

A quick and effective Polish for Marqueterie.

4 oz. bottles,
1/6 each.

Mirror Polish.

No. 1508w.

For obtaining a brighter and more durable gloss after using the Rapid Polish.

1 oz. bottles, 8 each.
Full directions for use are given on the label.



Bronze Powder.

In Gold, Silver, Copper, Blue, and Green.

No. 1509w.

A most artistic decoration is obtained on Poker Work, Mosaic Work, etc., by mixing the Bronze with the Shellac Solution.

In boxes containing 1/2 oz. Bronze, any colour,
3 each.

Full directions for use are given on the label.



"Patina" Dry Colours.

No. 1510w.

In White, Yellow, Orange Ochre, Umber, Ultramarine, Light Blue, Light Green, Dark Green, Vermilion, Carmine, and Black.

For Dull or Matt Ornamentation of Relief Poker Work. In boxes containing 1 1/2 oz., 2 1/2 each.

White and Antique French Polish.

For Poker Work, etc.

No. 1512w.
2 oz. bottles,
6 each.



Spirit Solution of Shellac.

For Fixing Patina Colours and Bronze Powder.

No. 1514w.
In bottles containing 4 oz.,
8 each.



No. 1515w.

1 Set of Patina Colours and 1 Bottle of Shellac, 2/11



Best Wax Polish.

No. 1511w.

In Large Tubes. A small quantity applied gives an elegant, durable, and Satin-like polish to Poker Work, Chip Carving, etc., etc. Price 5/5 per tube.

Bronze Medal, 1884.—Gold Medal, 1890.

Outfits, Tools and Accessories for Pewter Relief Modelling.

No. 1516w.



In Cloth Covered Box, containing complete set of 9 Modelling Tools, Felt Pad, Linoleum, Glass Slab, Mounting Pins.

Outfit No. ... 6/-

Card of 9 Modelling Tools.

Price ... 3/6

No. 1517w.



One each Patina Colours, Grease Remover, Varnish, and Filling Powder, in Carton.

2/3 per set.

Bottles containing the Acids which are packed in Tin Boxes should be well stoppered and kept in the Tin Boxes to prevent evaporation and tools rusting.

No. 1518w.



In Cloth Covered Wood Box, containing a complete set of Modelling Tools and all Accessories.

Outfit No. 1518w. ... 14/9

Length of Modelling Tools, with Wood Handles, 6 in.



No. 1519w.	No. 1520w.	No. 1521w.	No. 1522w.	No. 1523w.
Scriber or Outlining Tool.	Modelling Iron.	Finishing Tool (narrow).	Finishing Tool (broad).	Beading Tool.
4/6	4/6	4/6	6/6	6/6

Hollow Punches.

No. 1524w.

For making Holes to receive Ornamental Stones.

Price 3/3, 3/3, and 5/5 each.



No. 1528w.

Felt Brush for Burnishing ... 2/6

No. 1529w.

Scissors ... 1/6



Pewter Sheet. No. 1530w. THICKNESS.
Soft and pliable. { Thin Sheets (0.2 mm.) 3/6 per sheet (21 in. x 15 1/2 in.)
Specially prepared. { Medium Sheets (0.3 mm.) 4/3 " (21 in. x 15 1/2 in.)
Large Sheets (0.3 mm.) 10/- " (36 in. x 24 in.)

Silver Sheet. No. 1530 1/2 w. In lengths, 4 1/2 in. wide (47 sq. in. to oz.) (0.1 mm.) 4/- per oz. (Avoir.).

No. 1531w.	Linoleum, 10 in. x 8 in.	4/-
No. 1532w.	Felt, 10 in. x 8 in.	5/-
No. 1533w.	Plate Glass Slabs, 10 in. x 8 in.	9/-
No. 1534w.	Grease Remover (in bottles)	6/-
No. 1535w.	Metal Varnish (in bottles)	10/-
No. 1536w.	Patina Pewter Colouring (in bottles)	7 1/2/-
No. 1537w.	Ivory Filling Material	4/-
No. 1538w.	Burnishing Powder	3/-
No. 1539w.	Mounting Pins (in boxes)	3/-
No. 1540w.	Hammer	7 1/2/-

Ornamental Stones. No. 1541w.

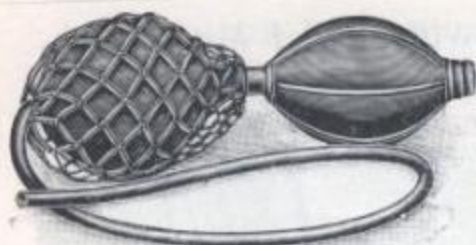
FOR DECORATION OF PEWTER MODELLING WORK.

Boxes containing 4 1/2 doz. stones, assorted sizes, 3, 5, 7, and 9 mm., supplied in any of the following colours:

OPAL, EMERALD, AMETHYST, RUBY, SAPPHIRE, OR TURQUOISE, 6/- per box, any colour.

"CALCEDON" STONES, No. 1542w, size 9 mm.	9/- doz. stones.
"LILAC MARBLE" " " 1543w, " 12 " "	1/3 " "
"CATSEYE" " " 1544w, " 12 " "	1/3 " "

Tool, Machine, and Hardware Merchants and Manufacturers.



Rubber Bellows.

(Tubing for connecting Cork Handles extra.)

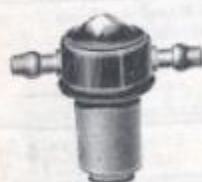
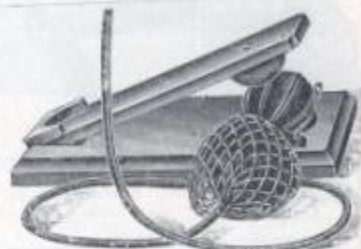
Poker Reserve Parts, etc.

No. 1545W.	Black Bellows, with red stripes (usual size)	1/9 each.
" 1546W.	Best Black Bellows (usual size)	1/11 "
" 1547W.	" " " large size for Relief Poker work	2/9 "
" 1548W.	" " " extra large size for Relief Poker work	3/6 "
" 1549W.	" " " extra large size with 54 in. tubing for Foot Bellows	4/6 "
" 1550W.	Black Bellows, with red stripes, with 54 in. tubing for Foot Bellows	3/9 "
" 1551W.	Rubber Tubing to connect Cork Handle No. 1556W, 36 in. long	-/5 "

New Improved Foot Bellows.

These are very practical and will be found most useful to all who do much poker work, as both hands are left free.

No. 1552W.	Complete with Bellows	4/11 each.
No. 1553W.	Complete with Best Bellows	5/11 "



Vulcanite Connection Cork.

(Union.)

No. 1554W. ... -/6 each.



Registered.

No. 1555W.

"Pyro" Flame-Top.

As supplied with the "Pyro" and "Grafton" Machines. It will fit the usual glass bottles sent with our Machines.

1/11½ each.



No. 1558W.

Complete Metal Bottle

with regulating Top as used in "Simplex" Machines.

6/11 each.



No. 1559W.

Nickel-Plated Spirit Lamp.

As fitted in "Popular" and "Amateur" Machines.

-/5 each.



Cork Handle to Regulate.

The Benzoline Gas can, by turning the tap, be regulated so that the point may be kept at a constant dull heat, which is useful for shading and fine work.

No. 1556W.

-/11 each.



No. 1557W.

Usual Cork Handle.

-/6 each.



No. 1560W.

Nickel-Plated Spirit Lamp.

Made to fit our Poker Boxes.

-/9 each.



Glass Benzoline Bottles.

No. 1561W.

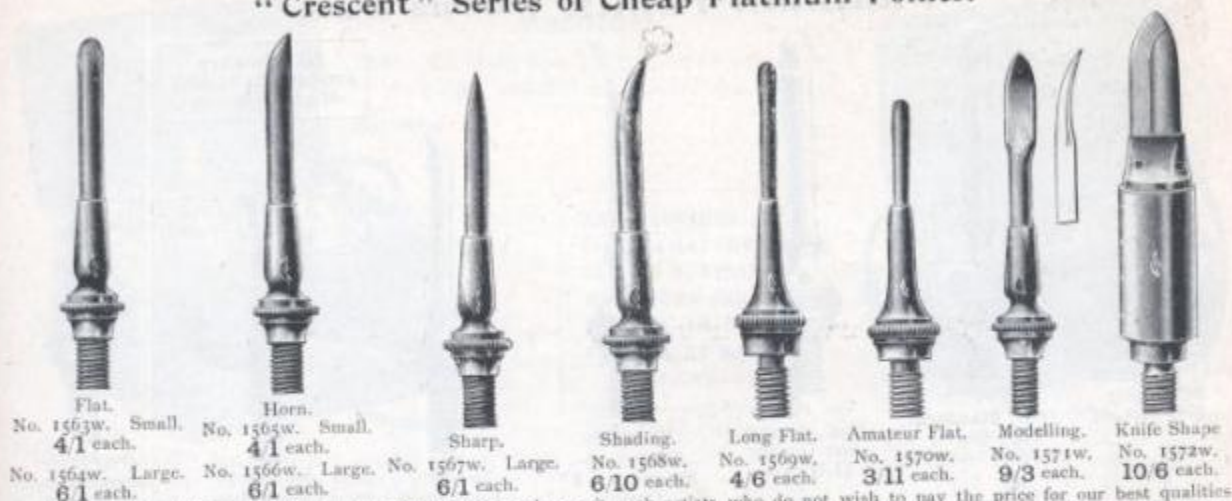
Usual size ... -/4 each.

No. 1562W.

Small size for "Amateur" Machine. -/4 each.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

"Crescent" Series of Cheap Platinum Points.



NOTE.—The "Crescent" Series have been introduced to suit such artists who do not wish to pay the price for our best qualities bearing the Trade Mark "M. & C." It should be understood that our initials always stand for quality and that the "Crescent" Points will not be stamped with "M. & C.," as although we have made them up in an attractive shape, the sheaths are not so thick as our original patterns, but they have been made to equal the qualities usually sold on the Continent, and are the best value points that can be obtained.

Prices subject to alteration without notice.

Sundries for Relief Poker Work.

Poker Spectacles.



Made of plain glass to fit closely over the eyes, so as to protect them from the smoke of the pokered material.

No. 1573w. Black Leather, -/5 ea.
No. 1574w. Selvyt Velvet, -/8 "



Steel Wire Scraper.

Made of extra strong Steel Wire for brushing off the charred surface of the Wood, particularly for Backgrounds and other parts where it is difficult to reach with ordinary Wire Brushes.

No. 1576w. ... -/11 each.

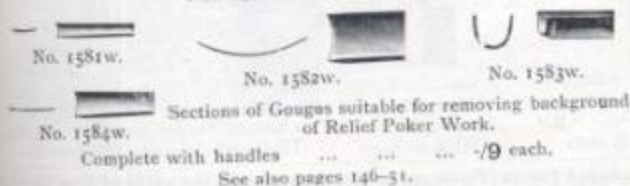
Steel Wire Brushes.



Invaluable to Relief Burners for brushing off charred parts of the wood, cleaning and smoothing.

No. 1578w. ... 1 row ... -/3 each.
" 1579w. ... 2 rows ... -/5 "
" 1580w. ... 3 " ... -/7 "

Set of Carving Tools.
For Relief Poker Work.



New Regulating Union.

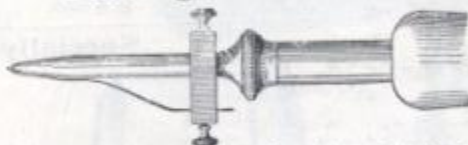
This Union can be regulated so as to supply the exact strength of Benzoline Gas that is needed to heat the point and also allow the use of fresh Benzoline.

Platinum Points that will not heat up properly with a fixed Union will be found to work satisfactorily with this new Regulating Union.

No. 1575w. ... 2/- each.



Shading Attachment.



Amateurs often find it difficult to keep the points at a regular low heat for doing fine shaded work. These attachments consist of a pair of thin metal springs (one broad and one narrow), which are held by a screw in such a position as to intercept the heat from the red-hot point and to give a comparatively low heat for doing shading work.

No. 1577w. ... 1/- each.




Collapsible Stand.

To prevent upsetting the Benzoline Bottle


No. 1585w.
Stand only,
-/5 each.

A large and varied Stock of Engineers' Tools and Motor Accessories.


Platinum Points. Natural Sizes.




No. 1586w.
Flat. Small Size.
"B" Quality.
6/4 each.




No. 1587w.
Flat. Standard.
"A" Quality.
8/4 each.




No. 1588w.
Flat. Special.
Star Quality.
11/9 each.




No. 1589w.
Horn Shape.
Standard "A"
Quality.
8/4 each.



No. 1590w.
Horn Shape.
"B" Quality.
6/4 each.




No. 1591w.
French Horn
Shape.
8/11 each.




No. 1592w.
Round Sharp.
Standard
Quality.
8/4 each.


All Points are arranged to fit ANY of our Machines.




No. 1593w.
Extra Fine Flat.
7/8 each.



No. 1594w.
Claw-Shape.
7/8 each.




No. 1595w.
Smoke-Diffusing.
Flat Point.
8/4 each.



No. 1596w.
Flat.
"C" Quality.
4/4 each.

THE INITIALS "M. & C." STAND FOR QUALITY.

Shading Point.




No. 1597w.

For producing light or dark shades of a very soft tint.


These Points are not to touch the wood, but are so constructed that they blow hot Benzoline-Gas upon the material and produce light or dark shades, according to a slower or more rapid pressure of the bellows. They are particularly useful in Portrait and Landscape Drawings.

8/3 each.


Specially Constructed Points for Relief Burning.




No. 1598w.
Knife Point.
Standard "A"
Quality.
18/6 each.




No. 1600w.
Bent Knife Point
for Outlining
and Modelling.
"A" Quality.
18/6 each.




No. 1601w.
Bent Knife Point.
"B" Quality.
14/3 each.




No. 1602w.
Modelling Point.
Small Size "B."
12/6 each.



No. 1603w.
Triangular
Piercing Point.
10/2 each.



No. 1604w.
Edge Point for
Incisive Work.
10/2 each.



No. 1605w.
Skew Point
Specially for Out-
lining "Mosaic"
and Fine Work.
10/2 each.

Prices subject to alteration without notice.

Repairs Executed at Low Prices. Allowance made for old or damaged Points (Platinum parts) at more than the value of Fine Gold.

Contractors to the Home, Indian, and Colonial Governments.



The "Original" Wood-Burning Machines.

These Machines were the first to be offered to the public, and this make is still the best.

No. 1606w.

ALL MACHINES (except "AMATEUR") CAN BE SUPPLIED WITH HORN-SHAPE POINTS, IF PREFERRED, AT SAME PRICES.

The "Original" No. 1 with a special strong quality Platinum Star (*) Point (No. 1588w), large best Rubber Bellows, size 5, etc. Cloth Covered Wood Box.

Price 20/6 each. Extra Points, 11/9 each.



No. 1607w.

The "Original" No. 2 with a Standard "A" Platinum Point (No. 1587w), best Bellows, etc. Cloth Covered Wood Box.

Price 15/11 each. Extra Points, 8/4 each.



No. 1608w.



NEW PARTS FOR ALL MACHINES CAN ALWAYS BE OBTAINED SEPARATELY.



The "Original" No. 3 has a Standard "A" Platinum Point, best Bellows. The Box is made of Polished Cherry Wood.

Price complete with Platinum Point (No. 1587w), 15/11 each. Extra Points, 8/4 each.



No. 1609w.

The "Popular" is a dark waxed Hardwood Box, with a "B" Platinum Point, Black Bellows, Nickel Spirit Lamp.

Price complete with Platinum Point (No. 1586w), 12/6 each. Extra Points, 6/4 each.



No. 1610w.

Small and handy for Travelling and Lessons.

No Spirit Lamp is needed.

Size $5\frac{1}{2} \times 4 \times 2\frac{1}{2}$ in.

The "Companion" is made to pack conveniently into a small space. No Spirit Lamp is needed, a horizontal Flame Top being provided which is fixed to the bottle when in use (as shown in illustration).

The "COMPANION" fitted with No. 3 Black Bellows, No. 1586w, B Flat Platinum Point, etc.

Price 16/- each. Extra Points, 6/4 each.



No. 1611w.

The "Amateur" is an efficient but inexpensive apparatus. It has a C quality Platinum Point, Black Bellows, etc. Complete with Platinum Point (No. 1596w).

Price 10/- each.

Extra Points, 4/4 each.

Bronze Medal, 1884.—Gold Medal, 1890.

The "Pyro" Poker Machine.

No. 1612W.



The "Pyro" Flame-top can be supplied separately, and will fit any of the Glass Bottles supplied with the Machines.
Price 2/3 each.



The "Pyro" is a very handy machine, with an exceedingly simple flame or burner-top. The flame-top which takes the place of the Spirit Lamp in the "Original" Machines, is worked exactly like a gas jet, and burns entirely without smell. The Platinum Point is the standard quality, as fitted to "Original" No. 2 or 3, and the "Simplex" machine. The "Pyro" machine is cheaper than the "Simplex" on account of the simplicity of the flame-top.

The "Pyro" complete with Standard "A" Point (No. 1587W), 16/10 each. Extra Points, 8/4 each.

The "Simplex" HAS A WELL FINISHED NICKELLED BOTTLE.



The "Simplex" Poker Machine.

No. 1613W.

The "Simplex" is so constructed that the Benzoline which is required to keep the Platinum Point red-hot is utilized also for heating the Point at first, thereby dispensing with the Spirit Lamp used with the "Original." The flame is blue and perfectly smokeless. By turning the round Vulcanite Disc to certain marks, the Benzoline Gas supplies the Lamp, or it may be directed, by a turn, into the heated Point, and keeps this red-hot. By another turn,



all escape from the bottle is shut off, and this can now be safely packed away and carried in any position. The "Simplex" with Standard "A" Point (No. 1587W) complete, 22/6 each. Extra Points for the "Simplex," 8/4 each.

No. 1614W.

Special Machines for "Relief Poker" Work.

No. 1615W.



The "Griffin" Machine is fitted with extra large best Bellows, Size 6. Griffin No. III., with one Platinum Point (No. 1600W, large Bent Knife), 27/6 each.

FOR LIST OF
CARVING TOOLS, etc.,
SUITABLE FOR
CUTTING AWAY
BACKGROUND
IN RELIEF
POKER WORK,
see pages 146-51.



The "Grafton" Machine.

Fitted with large best Bellows, Size 5, and "Pyro" Flame-top, making Spirit Lamp unnecessary. Grafton No. II., with Platinum Point (No. 1601W, Bent Knife), 23/6 each.

Tool, Machine, and Hardware Merchants and Manufacturers.



Leather Workers' Tools.

No. 1616W.

A. Hammer	...	Price 2/-	2/6	3/-	each.
B. Dresden Tool	...	...	Price 1/-	..	..
C. Point	...	...	1/-	..	..
D. ..	...	...	1/3	..	..
E. Knife	...	...	1/-	..	..
F. Small Modelling Tool	...	...	1/3	..	..
G. Large	..	..	1/6	..	..
H. Wheel	...	...	1/6	..	..
I. Ring Punch	...	...	-/9	..	..
J. Matting Tool	...	...	1/-	..	..
K. Square Nail Head Punch	...	...	-/9	..	..
L. Oval	..	..	-/9	..	..
M. Steel Rule, length 12 in.	...	...	-/9	..	..
N. Brass Rule	...	...	-/6	..	..

No. 1617W.

The Cheapest Reliable Watches ever made.



The "DEFIANCER," 3/9.

Just as an Advertisement we are offering these Fully Warranted Watches and Travelling Clocks at the extremely low price of 3/9 and 5/3 respectively.

"DEFIANCER." The "Defiance" Watch is strong, reliable, and accurate. The movement is regular 16-size, lantern pinions, American Lever escapement. Cases in Nickel and Gun-metal finishes (same price).

A Printed Guarantee given with each Watch.



The "TWO-IN-ONE," 5/3.

"TWO-IN-ONE." The "Two-in-One" makes an excellent Paper Weight or Travelling Clock, and is useful in many ways about the house. It consists of a regular "Defiance" Watch fitted into a specially-made holder of unique construction. The outside holder can be had in a choice of finishes, Copper, Brush Brass, or Gun-metal, and is removable, thus leaving the Watch free to be worn in the ordinary way.

SEND FOR ONE OF THESE "SPLENDID VALUE" TIMEKEEPERS. WARRANTED!

Watch, 3/9; Case, 1/6 extra; Complete, 5/3.

R. MELHUISH, Ltd., 50, 51 & 84, Fetter Lane, London, E.C.

IMPORTANT TO THOSE ORDERING THROUGH SHIPPERS.—In order to ensure getting complete satisfaction, we advise our friends to be careful in giving definite instructions that the goods shall be procured direct from our house. By this means you may be sure of receiving the pattern and quality specified in our Catalogues.—Rd. MELHUISH, Ltd.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

Tools and Materials for Bent-Iron Work.

No. 1618W.
Candlestick.

Iron Sockets -/8 each.
Copper " 1/- "

No. 1619W.



Fancy Candle Sockets.

Iron ... -/4½ each.
Copper ... -/8 "

Widths of Stock Sizes. In 24 in. lengths. No. 1620W.

$\frac{1}{8}$ in.	
$\frac{5}{16}$ in.	
$\frac{3}{8}$ in.	
$\frac{7}{16}$ in.	
$\frac{1}{2}$ in.	
$\frac{5}{8}$ in.	
$\frac{3}{4}$ in.	

The Copper and Brass are beautifully polished by machinery, and will be found to be quite as pliable as our well-known Strip Iron. As these highly polished metals are very quickly tarnished by the atmosphere and hot hands, they should be lacquered at the earliest opportunity. Until this is done, or before using, it should be kept well wrapped up.

Best Quality Strip Iron, $\frac{1}{8}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{5}{8}$ in.	... -/8 lb.
" " Copper or Brass, $\frac{1}{8}$ to $\frac{1}{2}$ in. wide	... 2/- "
Framing Iron, $\frac{3}{8}$ in., $\frac{1}{2}$ in.	... -/6 "
Binding Wire	... -/1 reel.
Iron Rivets	... -/3 oz.
Copper Rivets	... -/4 "

No. 1621W.
Candlestick.

9 in. and 10 in.,
-/7 each.

No. 1622W.



Candle Sockets.

Iron ... -/2½ each.

Bright Shears. No. 1623W.



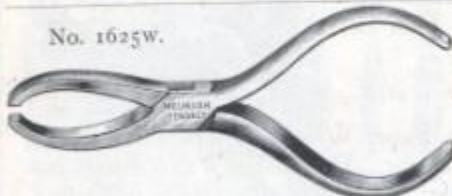
Price ... 1/6 each.

Cutting Shears. No. 1624W.



5 in., 1/2; 6 in., 1/2; 7 in., 1/3 each.

No. 1625W.



Closing Pliers.

1/3
each.

No. 1626W.



Special Bright Curved Shears.

1/9
without Spring
2/3 with ..

Flat and Round Nose Pliers.



No. 1627W.



No. 1628W.

Flat or Round Nose	... 4 in., 1/1	4½ in., 1/1	5 in., 1/1	6 in., 1/7 each.
" " Cheaper Quality	... -/7	" -/7	" -/8	" -/9 "

A large and varied Stock of Engineers' Tools and Motor Accessories.

No. 1629w.

Hexagon Pot Stand.



7 in. side to side.
6½ in. deep.
Total depth, 9½ in.

Price 1/9.

Packing -/6 extra.



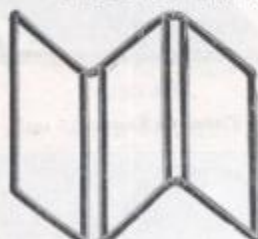
No. 1632w.

Copper Leaves.

-/2 each; 1/6 per doz.

Photo or Picture Frames.

No. 1634w.



C.D.V. or Cabinet.

Single -/1½; Double -/2½ each.

2-fold Hinged ... -/5 "

3-fold " ... -/7 "

Melhuish's Dead Black Paint.

No. 1637w. -/10 per Bottle.
Brushes for do., -/4 and -/6 each.

Bracket.

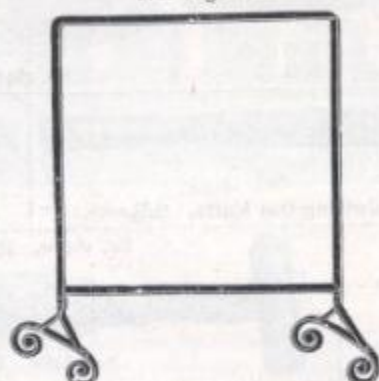
No. 1638w.

9 in. x 9 in. -/3 each.

10 " x 10 " -/4 "

Framework for Fire Screens.

No. 1630w.



With Scroll Feet.

20 x 20 in. 24 x 20 in. 24 x 24 in.

2/-

2/3

2/6

Two-fold Fire-Screen, 30 by 17 in.

If ordered packed, 4/- extra.

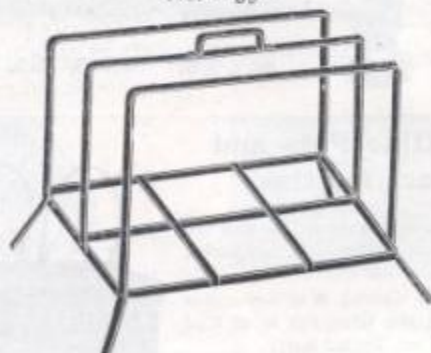
Extra Quality Square Wrought-Iron Fire Screens, Riveted and Brazed, Complete with Ornamental Feet and Handle.

Framework only, or Trimmed and Finished.

Prices on application.

Framework for Paper or Music Stand.

No. 1635w.



Price 2/6 each.

Bracket.

No. 1639w.

12 in. x 6 in. -/8 each.

15 " x 9 " -/10 "

Hexagon. Lantern Frame.

No. 1631w.

Sizes of Planes,

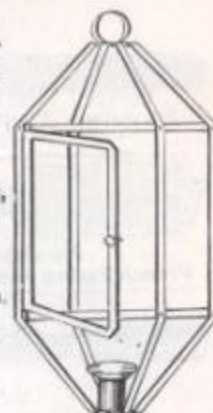
9 in. x 3 in.

Price 3/-.

10 in. x 3½ in.

Price 3/6.

Larger sizes to order.



Candlesticks.



No. 1633w.

Candelabra Frames.

With Plain Sockets,

2/3

and

3/- each.

Packing, -/6 extra.

Bent Iron Work.

No. 1636w.

Including Elementary Art Metal.

CONTENTS: Tools and Materials. Bending and Working Strip Iron. Simple Exercises in Bent Iron. Floral Ornaments for Bent Iron-work—Candlesticks, Hall Lanterns, Screens, Grilles, etc. Table Lamps, Suspended Lamps and Flower Bells, Photograph Frames, Newspaper Rack, Floor Lamps, Miscellaneous Examples. Index.

With 269 Engravings and Designs.
Cloth, price 1/- net.

Bracket.

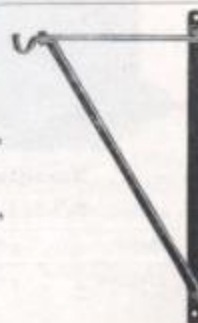
No. 1640w.

12 in. x 6 in.,

-/8 each.

15 in. x 9 in.,

-/10 each.



All goods carriage forward.

Contractors to the Home, Indian, and Colonial Governments.

Bookbinders' Sundries.



No. 1641w. Paper Knife. Buckhorn Handle. 5/6 each.
Common " 3/6 "



No. 1642w. Trimming Knife. 4/- each.



No. 1643w. French Paring Knife. 2/6 each.



No. 1644w. Cutting Out Knife. 2/3 each.



No. 1645w. Gold Knife. 2/6 each.



No. 1646w. Paring Knife. 1/- each.



No. 1647w. Round Polishing Iron. 5/- each.



No. 1648w. Flat Polishing Iron. 4/- each.



No. 1649w. 1, 2, and 3-line, 2/- to 2/6. With Fence, 3/3



No. 1650w. Tooth Agate Burnisher. 5/6 each.



No. 1651w. Trindle, Ordinary, 2/- pair.
Horseshoe, 3/- "

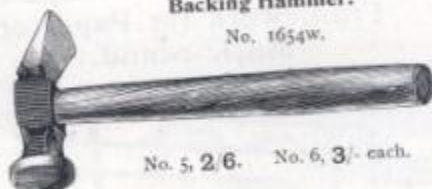


No. 1652w. Flat Agate Burnisher. 5/6 each.



Beating Hammer.
No. 1653w.

Ground on Face,
10 lb., 7/- each.



Backing Hammer.
No. 1654w.

No. 5, 2/6. No. 6, 3/- each.



Knocking Down Iron.

No. 1655w.
Planed on Face. 5/- each.

Safety Glue Pots and Heaters for Gas.

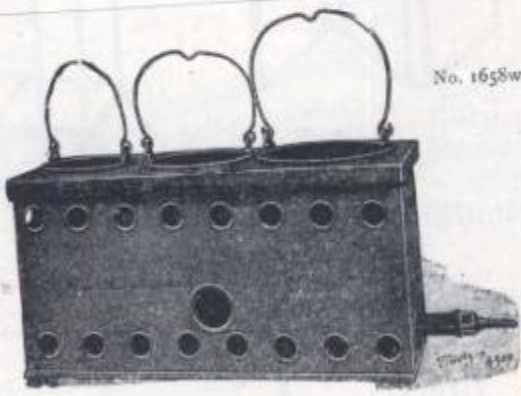
With Burners protected to suit the requirements of Insurance Companies.

The Outer Casting is of Galvanized Iron, and the Glue Pot is of Cast Iron, Tinned inside.

They are made singly (as No. 1656w), also in sets of two and three (as No. 1658w) of all the standard sizes of pots.



No. 1656w.



No. 1658w.

		Prices of Heaters only:									
No. 1656w.	To hold 1 Pot, 1/2 to 1 pint.	7/6	...	1 1/2 to 3 pints,	8/6	...	4 pints,	10/6	...	5 and 6 pints,	12/6 each.
" 1657w.	" " 2 Pots, " "	16/6	...	" " "	16/6	...	" "	16/6	...	" "	24/- "
" 1658w.	" " 3 " " "	20/-	...	" " "	20/-	...	" "	20/-	...	" "	30/- "
		Prices of Glue Pots to Suit:									
Size ...	...	1/10	...	1/11	...	1/-	...	1 1/4	...	1 1/8	...
Price ...	...	...	...	...	...	...	...	...	...	...	...

Bronze Medal, 1884. Gold Medal, 1890.

Printers', Bookbinders', etc., Requisites.



Guillotine Paper Knives.

No. 1659w.

Charged by length of cut as follows:

Not exceeding $\frac{3}{8}$ in. thick	...	...	...	up to $4\frac{1}{2}$ in.	-/10 $\frac{1}{2}$	...	5 in.	-/11	...	$5\frac{1}{2}$ in. wide,	1/- in.
Over $\frac{3}{8}$ in. and not exceeding $\frac{7}{16}$ in. thick	...	...	...	" $4\frac{1}{2}$ "	-/11	...	5 "	1/-	...	$5\frac{1}{2}$ "	1/2 "
" $\frac{7}{16}$ "	"	"	"	" $4\frac{1}{2}$ "	-/11 $\frac{1}{2}$	...	5 "	1/1	...	$5\frac{1}{2}$ "	1/3 "
" $\frac{1}{2}$ "	"	"	"	" $4\frac{1}{2}$ "	1/-	...	5 "	1/2	...	$5\frac{1}{2}$ "	1/6 "

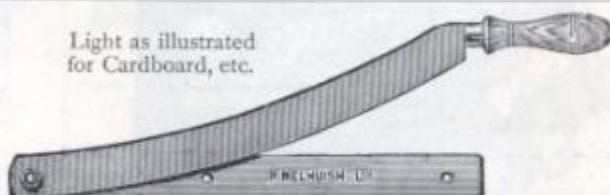
Furnival's, Crossland's, Harriid's, and other patterns also supplied.

Bench Knives.

No. 1660w. To cut	...	12 in.	...	15 in.
Price	...	12/6	...	14/6 pair.

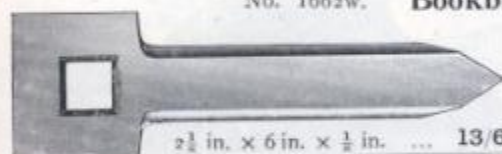
No. 1661w. Strong.						
To Cut	16	18	20	24	30	36 in.
Price	18/6	19/6	21/6	25/-	33/6	41/6 pair.

Light as illustrated for Cardboard, etc.



No. 1662w. Bookbinders' Plough Knives.

No. 1663w.



$2\frac{1}{2}$ in. x 6 in. x $\frac{1}{8}$ in.	...	13/6 doz.
$2\frac{1}{2}$ " x 7 " x $\frac{1}{8}$ "	...	14/6 "
$2\frac{1}{2}$ " x 8 " x $\frac{1}{8}$ "	...	15/- "



$\frac{5}{8}$ in. x 10 in. x $\frac{1}{8}$ in.	...	10/6 doz.
1 " x 9 $\frac{1}{4}$ " x $\frac{3}{16}$ "	...	13/6 "

Bookbinders' Cornering Knives.

No. 1664w.

No. 1665w.



$1\frac{1}{2}$ in. x 3 in. by $\frac{1}{4}$ in. ... 18/- doz.

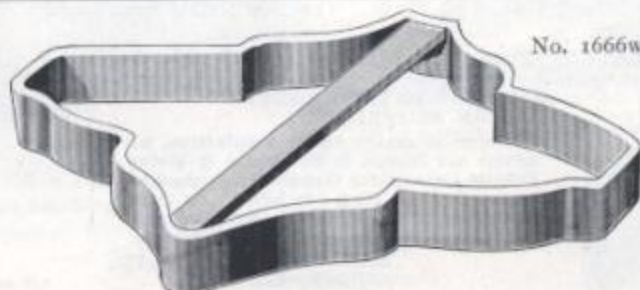


$1\frac{1}{2}$ in. x 3 in. x $\frac{1}{4}$ in. ... 13/- doz.

Other sizes at proportionate prices.

Label, Card, or Envelope Cutter.

- Paper Bag Knives.
- Dead Knives.
- Ledger Blades.
- Doctor Blades.
- Machine Blades.
- Deckling Knives.
- Paper-cutting Knives.



No. 1666w.

Circular Paper Cutters. Type Planing Knives.

Prices for these and other Cutters quoted on receipt of specification.

Cutters for Press or Hand-work of all shapes and designs, with or without crossbars, plain or deckled edges.

Tool, Machine, and Hardware Merchants and Manufacturers.

Bookbinders' Tools, etc.

No. 1667w.

Lever Guillotine Cutting Machine.

For Bench.

All Iron, with Wrought Iron Handle, Safety Catch and Back Gauge. Cuts 12 in. wide by 2 in. deep ... £8 : 5 : 0
20 in. Machine, as above, on Iron Stand ... £18 : 0 : 0



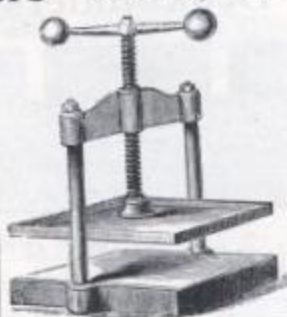
Screw Press.

No. 1668w.

With 2 Wrought Iron Pillars. For Small Work.

Follower 15 x 12 in. £4 : 15 : 0
" 18 x 13 in. 5 : 15 : 0
" 20 x 14 in. 6 : 19 : 6

Quotations for other sizes on application; also for Pressing Boards, Pressing Plates, and Pressing Tins.



Hand Lever Perforating Machine.

No. 1669w.

Special 10 in. Machine, with Extra Stout Steel Plates and Hardened Steel Pins. Open ends. Will take any length sheet. Ordinary fixed comb of pins (not adjustable) with Gauges complete, £2 : 12 : 6



No. 1670w. Brass Type Holder.



2 1/2 in. long, Common ... 5/6 each.
2 1/4 in. " with Spring Slide ... 7/6 "
3 in. " " " " " 9/6 "

Brass Type, Block and Tool Cabinet. No. 1671w.

Contains 12 Trays, each 12 x 9 in., fitted as follows:—Six each to hold 2 Founts of Brass Type, with Figures and Spaces. Three Open Trays with False Bottoms for 2 tiers of Blocking Plates. Three, as Sliding Rests for Rolls, Tools, etc., etc.

Price ... £2 : 17 : 6

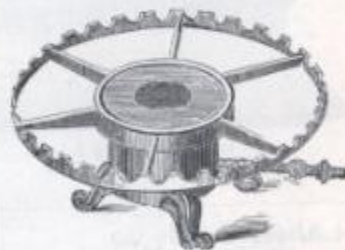
IMPORTANT TO THOSE ORDERING THROUGH SHIPPERS.

In order to ensure entire satisfaction, we advise our friends to be careful in giving definite instructions that the goods shall be procured direct from our house. By these means they may be sure of receiving the pattern and quality specified in our Catalogue.

RICHARD MELHUISE, LTD., LONDON, E.C.



No. 1672w.



For Bench.

With Atmospheric Burner ... 17/6
Stove for heating Glue with Atmospheric Burner ... 13/6
Small Atmospheric Burner for heating Glue ... 4/9

All above Carriage Forward.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

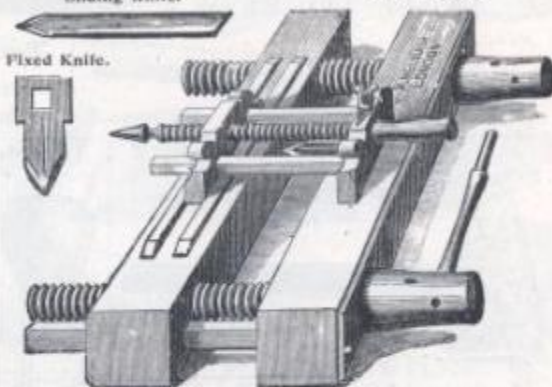
Bookbinders' Tools, etc.

Bookbinders' Press with Plough.

Sliding Knife.

No. 1674w.

Fixed Knife.



Cutting Press only—

17 in. between Screws, with Pin only...	22/6
21 in. ditto...	27/6
24 in. ditto...	34/6

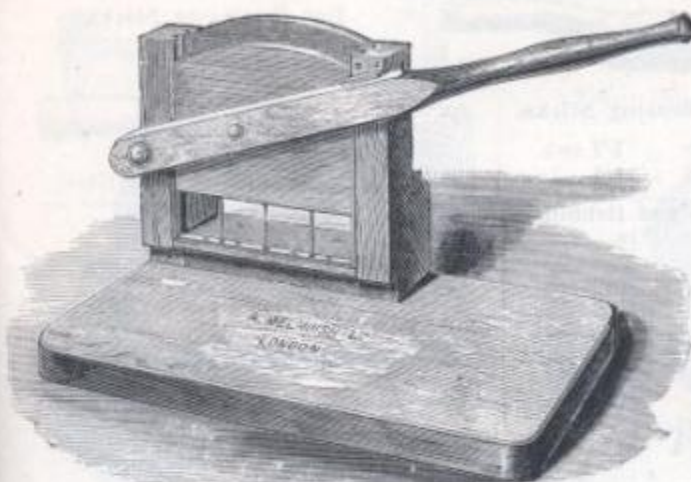
Plough only, with Sliding Knife—

Small ...	16/6
Middle ...	17/6
Large ...	17/6
Ordinary Plough and Fixed Knife ...	8/-

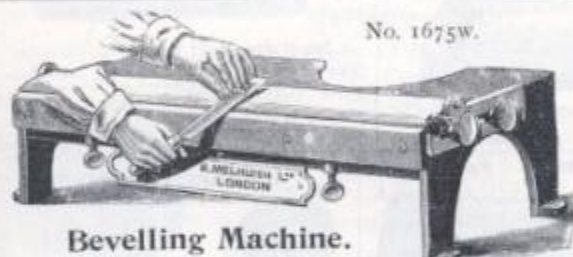
No. 1673w. Wood Stabbing Machine.

With Side Lever.

Price £1 : 5 : 0.



No. 1675w.



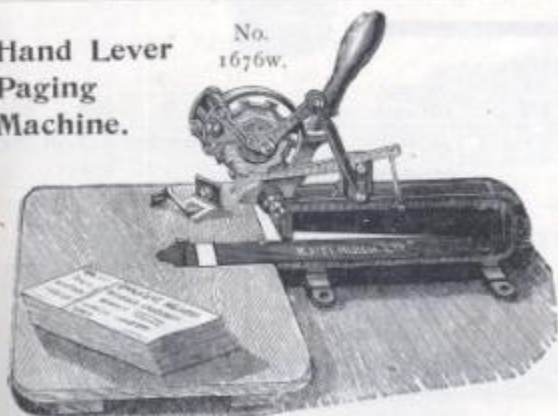
Bevelling Machine.

For Flat Work only, with Knife, for hand bevelling.

Price ... £5 : 5 : 0.

Hand Lever Paging Machine.

No. 1676w.



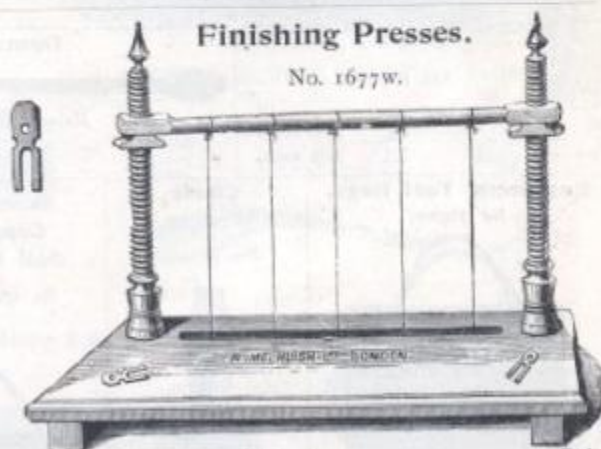
Works alternately and consecutively. Hard Gun-metal Wheels, with Front Gauge Board and 2 Gauges. Will take a sheet 12 in. long.

With Three Wheels, numbering up to 999 ... £5 : 17 : 6
 " Four " " " 9999 ... 6 : 17 : 6

Carriage Forward.

Finishing Presses.

No. 1677w.



18 in. outside measure, Each, 16/6	22 in. outside measure, Each, 21/-
20 in. " " 18/6	24 in. " " 22/6

No. 1678w.

Sewing Press.

Sizes between Screws	20	23	26	30	36 in.
Price	9/-	10/6	12/6	15/-	17/6 each.

A large and varied Stock of Engineers' Tools and Motor Accessories.

Plumbers' Tools.

Box Dressers.

No.	1	2	3	4
	1/4	1/7	1/10	2/5 each.



No. 1679w.



No. 1680w.

Box Setting-in Sticks.

Price 1/3 each.

Box Bossing Sticks.

Large	...	1/7 each.
Small	...	1/4 "



No. 1681w.

Stretching Mallet.

No. 1682w.



Cane Handle.

Size	2 1/2	2 3/4	3 in.
Price	1/4	1/6	1/9 each

Turnpins and Bobbins.

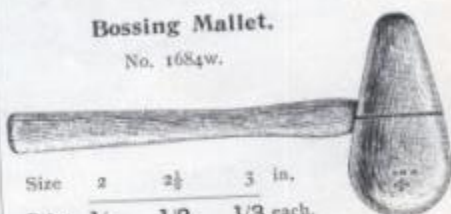
No. 1683w.



1	1 1/2	1 3/4	2	2 1/2 in.
-/2	-/3	-/4	-/6	-/8 each.
3	3 1/2	4	5	5 in.
-/10	1/2	1/6	2/8	each.

Bossing Mallet.

No. 1684w.



Size	2	2 1/2	3 in.
Price	1/-	1/2	1/3 each.

Lignum Vitæ Reducing Mandrel.

No. 1685w.



Size	2 to 1 1/2	2 1/2 to 2	3 to 2 1/2	3 1/2 to 3 in.
Price	2/3	2/9	3/-	4/6 each.

Step Bender.

No. 1686w.



In Boxwood.

Price	1/6 each.
-------	-----	-----	-----------

Mandrills. No. 1687w.



Small size, Box; large, Lignum Vitæ.

Size	5 x 1	6 x 1 1/2	7 x 1 1/2	8 x 2 in.
Price	-/6	-/8	-/11	1/4 each.
Size	10 x 2 1/2	12 x 3	13 x 3 1/2	15 x 4 in.
Price	2/-	2/6	3/9	6/- each.

Boxwood Mallet.

No. 1688w.



Ash Handle.

Size	2	2 1/2	2 3/4	3 in.
Price	-/9	1/-	1/1	1/3 each.

Boxwood Step Turners. No. 1689w.



Price	2/- each.
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Dummies. No. 1691w.

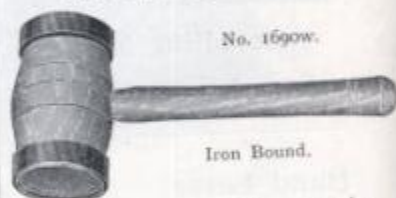


Malacca Cane Handle.

Size...	15	18	24 in.
Price	1/6	1/7	1/8 each.

Lignum Vitæ Mallets.

No. 1690w.



Iron Bound.

Size	2 1/2	3	3 1/2	4 in.
Price	2/6	3/-	3/9	5/- each.

Engineers' Tool Bags.

No. 1692w.



Same material as "Hardware Baskets," Eyeletted and Roped.

Size	15 x 20 in.	1/6 each.
"	18 x 20 "	1/8 "
"	20 x 20 "	2/- "

Chase Wedges.

No. 1693w.



2	2 1/2	3 in.
-/10	1/-	1/3 ea.

Copper Soil Pots.

No. 1694w.



Price 2/- each.

Steel Scribing Plate.

No. 1695w.



Price 1/3 each.

Plumber's Tool Bag.

No. 1696w.



Made of Fancy Carpet, fitted with Lead Eyelets, and Roped. Not Leather Bound.

Size	...	16 x 23 in.
Price	...	3/- each.

Contractors to the Home, Indian, and Colonial Governments.

Plumbers' Tools.

No. 1697w.



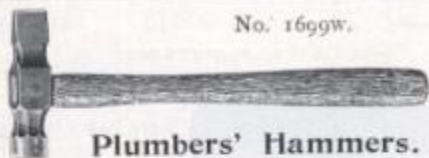
Steel Shave Hooks.

Either Pattern, -/9 each.

No. 1698w.



No. 1699w.



Plumbers' Hammers.

Price ... 1/- 1/2 1/6 1/9 2/3 each.

BLADE No. 1.

No. 2.

No. 3.

No. 4.



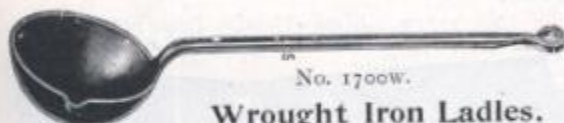
Plumbers' Combination Shave Hook.

No. 1701w.

Complete with set of four blades, as illustrated, 2/9.

Extra blades, No. 1 2 3 4
-/7 -/7 -/7 -/9 each.

No. 1700w.



Wrought Iron Ladles.

Sizes 2 3 3 1/2 4 5 6 in.
Price -/4 -/5 -/6 -/8 -/10 1/3 each.

Melting Pots.

With Improved Pattern Upright Ears.

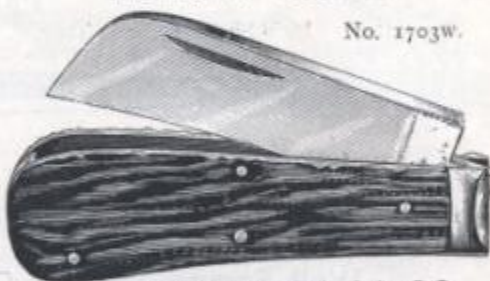
No. 1702w.



1	1 1/2	2 1/2	4	6 pints capacity.
4	5	6	7	8 inch.
1/-	1/3	1/8	2/2	2/9 each.
8	12	16		20 pints capacity.
9	10	11		12 inch.
3/6	4/-	5/-	6/-	each.

Plumbers' Knives.

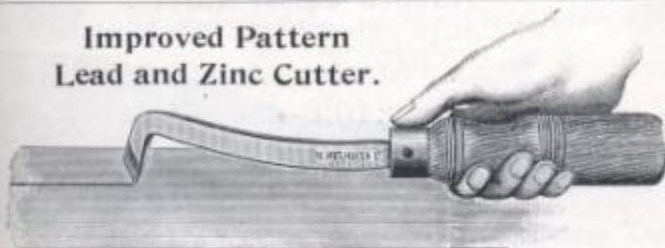
No. 1703w.



Folding Pattern, 1/4 1/8 2/2.

Special Thick Back and Fixed Blade Pattern, 2/6.

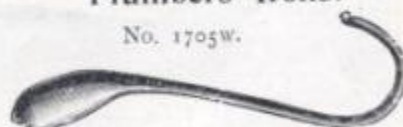
Improved Pattern
Lead and Zinc Cutter.



No. 1704w. Price ... 1/6 each.

Plumbers' Irons.

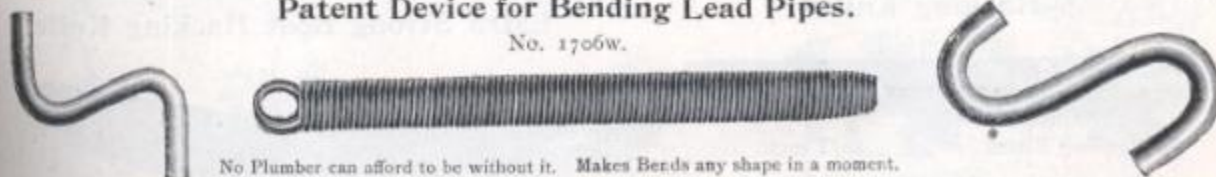
No. 1705w.



Price ... -/7 per lb.

Patent Device for Bending Lead Pipes.

No. 1706w.



No Plumber can afford to be without it. Makes Bends any shape in a moment.

Drive the Plug provided through the pipe to take out any irregularities, should there be any, then put a few drops of oil on the spring. Place it inside the pipe and bend to the desired shape.

To remove the Bender from the pipe, after the bend is made, bend back a trifle on each bend, and then turn the Bender to the right, which decreases its diameter, and pull at the same. Every Bender is warranted if directions are followed.

Size ...	1	1 1/2	1 3/4	2	2 1/2	3	3 1/2	4 in.
Price ...	1/9	2/3	3/-	4/-	12/-	15/9	17/9	21/6 each.

Bronze Medal, 1884.—Gold Medal, 1890.

Glaziers' and Painters' Knives.

No. 1707w. Cocoawood Handle, Spear Point.



Size	...	4½	5	5½ in.
Price	...	-/6	-/6½	-/7½ each.

No. 1708w. Ebony Handle, Brass Ferruled, Clipped Point.



Size	...	4½	5	5½	6 in.
Price	...	-/8	-/9	-/10	-/11 each.

Spear Point same prices as above.

No. 1709w.
Clipped Point,
Cocoawood Handle.



Size	4½	5	5½ in.
Price	-/6	-/6½	-/7½ ea.

Chisel Knives.

No. 1710w. Cocoawood Handle.



Size	...	4	5	6 in.
Price	...	-/6	-/6½	-/8 each.

No. 1711w. Ebony Handle, Brass Ferruled.



Size	...	4	5	6 in.
Price	...	-/8	-/9	-/11 each.

Palette Knives.

No. 1712w. Plain Shoulder, Scale Tang.



Sizes	...	4	5	6	7	8	10	12	14	16 in.
Plain Tang	...	-/5	-/6	-/6½	-/8½	-/10½	1/6	2/6	3/6	4/9 each.
Scale	...	-/5	-/6	-/8	-/10	1/1	1/9	2/9	3/9	5/- "

No. 1713w. Plain Shoulder, Round Tang.



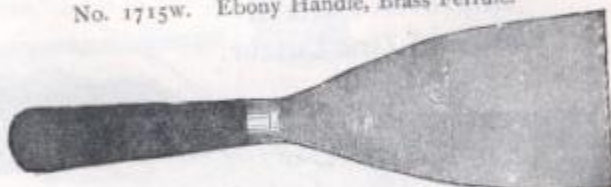
Wall Scraper.

No. 1714w. Hardwood Handle and Bright Ferrule.



Size	...	5 × 3	6 × 3 in.
Price	...	-/8	-/10 each.

No. 1715w. Ebony Handle, Brass Ferrule.



Size	...	5½ × 3	6 × 3	6 × 4 in.
Price	...	1/3	1/6	1/9 each.

Hacking Knives.

No. 1716w.



3 Rivets ... -/7 each.

No. 1717w.



2 Rivets ... -/6 each.

Extra Strong Bent Hacking Knife.

No. 1718w.



Length	...	4½	5 in.
Price	...	1/2	1/4 each.

Tool, Machine, and Hardware Merchants and Manufacturers.

Paperhangers' Tools.

No. 1719w.

Paperhangers' Rollers.

With Polished Handles to unscrew.
Size $3\frac{1}{2}$ in. wide.

No. A. Covered Chamois Leather.
Price ... 1/3 each.

No. B. Covered Thick Baize.
Price ... 1/5 each.

No. C. Covered Indiarubber.
Price ... 1/9 each.

No. D. Seam Roller, $1\frac{1}{4}$ in. wide,
Boxwood, price 1/- each.



No. 1720w.

Paperhangers' Rollers.

With Polished Handles to unscrew.
Size 7 in.

No. E. Covered Chamois Leather.
Price ... 1/8 each.

No. F. Covered Thick Baize.
Price ... 1/10 each.

No. G. Covered Indiarubber.
Price ... 2/2 each.

No. H. Angle Roller, $1\frac{1}{2}$ in. wide,
Boxwood, price 1/4 each.

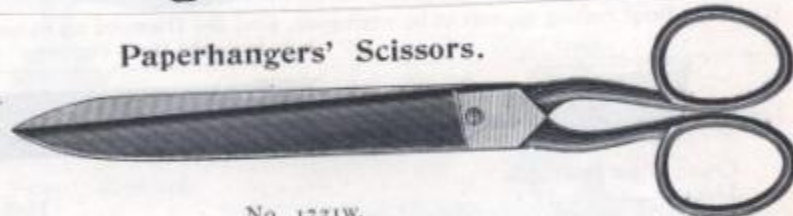
Large Bows as illustrated,
Sizes 10 11 12 in.
3/- 3/6 4/3 each.

No. 1722w.

With one Blunt End Blade,
Sizes 10 11 12 in.

3/- 3/6 4/3 each.

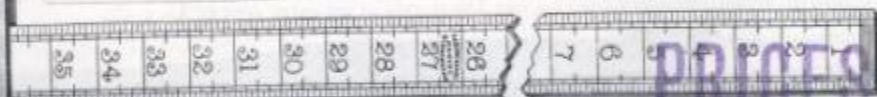
Paperhangers' Scissors.



No. 1721w.

No. 1723w.

Glazier's Square, Boxwood.



Length	...	...	...	24	...	30	...	36	...	42	...	48 in.
Price	...	...	...	1/9	...	2/-	...	2/3	...	2/9	...	3/- each.

Straight Bench Rules.

No. 1724w.
Boxwood Bench Rules ... 1 in. wide, $\frac{3}{16}$ in. thick, 3 ft. long, without tips, -/9 If Brass tipped, 1/- each.
Best Boxwood Rules ... $1\frac{1}{2} \times \frac{1}{4}$ in., 3 ft. 1/6; 4 ft. 2/6; 5 ft. 3/6; 6 ft. 5/-, all Brass tipped at each end.



Paint Cans.

No. 1725w.

No. 1726w.



Size ... 5 6 7 8 in.
Price ... -/6 -/7 -/8 -/9 each.

Without hook handle,
1d. each less.

Fixed Brass Gauze Strainers.

No. 1727w.



Size ... 7 8 9 in. at top
Price ... -/9 -/11 1/2 each.

Improved Movable Bottom Paint Strainers.

No. 1728w.



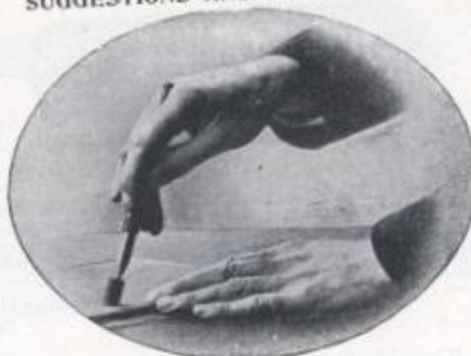
Size, Gauge ... 5 6 $6\frac{1}{2}$ in.
Price ... 1/9 2/3 2/10 each.

Gauges for Paint Strainers,
-/5 -/7 -/9 each.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

SUGGESTIONS AND INSTRUCTIONS.

When the Brass Setting appears to be worn away, send the Diamond up to our warehouse for examination, otherwise you may loose the stone entirely.



Never go over the same cut twice,
not even with the thickest glass.

For Rough Cast and glass of that character use an old Diamond.



6. 8/6 each.

Crown Glass Diamonds	...	...	...	...	...	11/6	14/6	17/6	21/-
Sheet	...	...	...	...	...		26/-	31/-	46/-
Plate	"	"	"	"	"				

... strong Leather Cases for our Diamonds at an extra cost of 1/- each.

P.S.—We supply strong Leather Cases for our Diamonds at an extra cost of 1/- each.



For Crown Glass, Diamonds ... 7/-

With Side Rack.

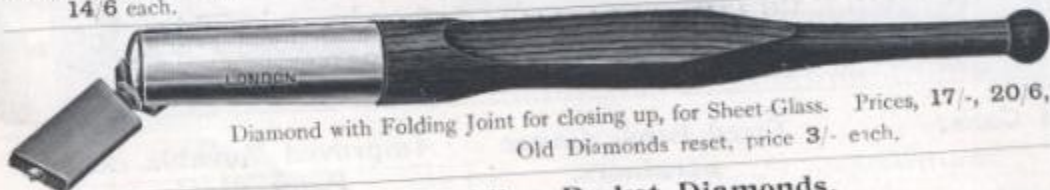
With Side Rack.			
For Sheet Glass, Diamonds	...	15/6	22/-

For Sheet Glass

Price, 6/6, 8/6, 11/6,
14/6 each.



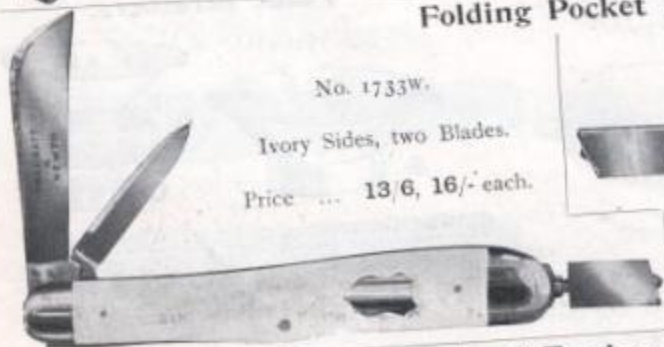
No. 1731W



No. 1732W.

Diamond with Folding Joint for closing up, for Sheet Glass. Prices, 17/-, 20/6, 23/9 each.
Old Diamonds reset, price 3/- each.

Folding Pocket Diamonds.

No. 1733^W.

Ivory Sides, two Blades.

Price ... 13/6, 16/- each.



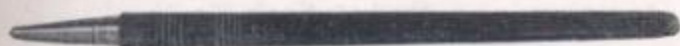
No. 1734W.

Buckhorn Handle, with Rack.

No Blade.

Price	11/6	13/6 each.
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A large and varied Stock of Engineers' Tools and Motor Accessories.



No. 1735W. **Writing Diamond**, used for writing on Glass, Bottles, Lenses, etc.
Prices 7/- to 11/- each.

Beam Compass.

No. 1736W.

For cutting circles and sections from large sheets of glass, best quality diamond set in steel block. Cutting Circles from 2 in. to 30 in. diameter.

Price 48/6



No. 1737W.

Cheaper pattern of above with B quality diamond set in round steel. Cutting Circles from 2 in. to 30 in.

Price 30/6

Gauge Glass Diamond.

No. 1738W.

The most effective tool for cutting Glass Tubes. Steel rods, 18 in., 24 in., and 30 in. long.

Price 14/6

If graduated in inches or French measure, 3/9 extra.
Cheaper patterns, with Wheel Cutter, 1/6 and 4/6 each



No. 1739W.



Turret-head Glass-cutter.

With 12 Wheels.

It is also provided with a Steel Ball at the end of the handle, for convenience in glass-breaking. Price 2/-

Wheel Glass-Cutters.

No. 1740W.

Provided with a recess in which a supply of extra wheels is contained.

Price 3/- each.

Cheaper Patterns, -/4, -/6, 1/-, 1/6 each. Not as illustrated.



Diamond Slide Rest Tool.

For truing Emery Wheels.

No. 1741W.

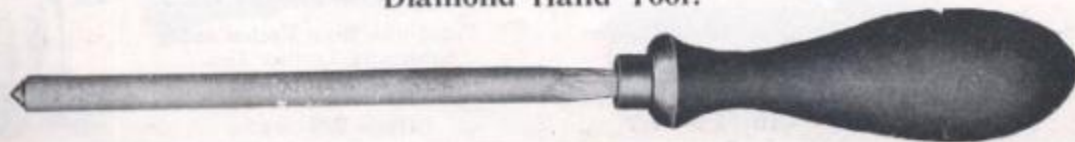


Made in $\frac{1}{4}$ in., $\frac{3}{8}$ in., or $\frac{1}{2}$ in. Square Shanks.

Prices 28/-, 36/-, 65/- each, either size shank.



Diamond Hand Tool.



Same prices as above.

No. 1742W.

Contractors to the Home, Indian, and Colonial Governments.

Fork Sash Tools.



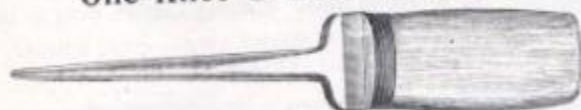
No. 1743W. String Bound. Lily Bristles.

No. ...	0	1	2	3	4	5
Price...	-/2½	-/3	-/4	-/5	-/6	-/8 each.
No. ...	6	7	8	9	10	12
Price...	-/10	1/1	1/4	1/6	2/-	2/9 each.

No. 1745W. Special Quality.

No. 1745W. Special Quality.												
No.	0	1	2	3	4	5	6	7	8	9	10	12
Price ...	2/-	2/6	3/3	3/9	4/9	6/3	8/3	10/6	13/-	15/6	21/-	27/- doz.

One-Knot Ground Brushes.



No. 1746W.

Size ...	8/0	6/0	4/0	3/0	2/0
Length of Bristles	5½	5	5	4½	4½ in.
Grey Middles ...	6/6	5/3	5/-	4/-	3/3 each.
Lily Bristles ...	7/-	6/-	5/6	4/6	3/9 "

No. 1747W. All Hair. Copper Wire Bound.

Size ...	8/0	6/0	4/0	3/0	2/0
Length of Hair ...	5½	5	5	4½	4½ in.
Grey Middles ...	4/6	3/9	3/6	3/-	2/6 each.

Flat Hog Hair Varnish Brushes.



No. 1749W. In Tin, Bevelled, Double Riveted.
Lily Bristles. White Handles.

1	1½	2	2½	3	3½	4 in.
-/6	-/9	1/1	1/6	2/-	2/9	3/3 each.

Flat Bevelled Varnish Brushes.



No. 1751W.

Size ...	1	1½	2	2½	3
Double Thick ...	-/6	-/8	1/-	1/5	1/11 each.
Thick ...	-/5	-/7	-/10	1/2	1/7 "

Socket Sash Tools.



No. 1744W. Patent Copper Socket. Lily Bristles.

No. ...	2	4	6	8	10	12	14
Price ...	-/2½	-/2½	3/½	-/5	-/6	-/7	-/10 each.

Oval Bevelled Varnish Brushes.



No. 1748W. Spun Copper Ferrules.

No. ...	0	1	2	3	4	5	6
Black Bristles	-/6	-/8	-/10	-/11	1/2	2/-	2/6 each.

With Metal Bridles, 0 to 3 ... -/1½ each extra.

" " 4 " 8 ... -/2 " "

These Brushes are made on an entirely new method, and as the bristle is solid throughout they work to a perfectly true edge without forking.

Oval Bevelled Varnish Brushes.



No. 1750W. Spun Copper Ferrules. Registered Pattern.

No. ...	0	1	2	3	4	5	6
Lily Bristles	1/-	1/2	1/6	1/10	2/4	2/10	3/4 each.

With Metal Bridles, 0 to 3 ... -/2 each extra.

" " 4 " 8 ... -/3 " "

Painters' Aprons.

No. 1752W.

Best Linen. Full size, with Pocket.
Price 1/9 each.

"Hardwear" Aprons.

No. 1753W.

Of Stout Brown Tanned Canvas.

Fitted with Brass Eyelets and
Substantial Leather Ties.

40 in. long x 34 in. wide.

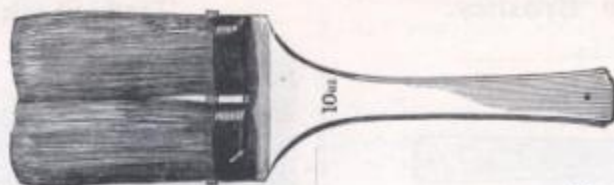
Price 2/9 each.



For other Brushes, see Engineers' Catalogue.

Bronze Medal, 1884.—Gold Medal, 1890.

Two-Knot



Distemper Brushes.

No. 1754w. Copper Wire Bound.

Superior Quality, warranted best selected Russian Bristles.

Weight ... 12 11 10 9 8 oz.

Grey Middles, 6 in. ... 15/- 14/- 13/- 11/6 10/6 ea.

All Black Bristles, 6 in. 15/- 14/- 13/- 11/6 10/6 "

" " 5 in. — — 11/6 10/3 9/6 "

No. 1756w. Copper Wire Bound.



Weight ... 12 11 10 9 8 oz.

Grey Middles, 6 in. ... 12/6 11/9 10/6 9/9 9/- ea.

All Black Bristles, 6 in. 12/- 11/- 10/- 9/6 8/6 "

No. 1757w. Special C Quality. Copper Wire Bound.

Weight ... 12 10 8 oz.

Grey Middles ... 11/- 9/- 8/- each.

Chamois Leathers.

No. 1760w. Best Quality.

No.	0	2	4	6	10	12	14	16
	8/9	13/6	21/-	30/-	50/-	63/6	80/-	100/-

Per kipp of 30.

5 per cent. extra for broken kipp.

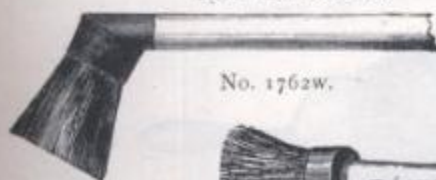
Special Lines for Window Cleaning and Builders' Use.

No. 1761w.

No.	3P	4P	5P	6P	7P	8P
	35/-	40/-	43/4	53/4	60/-	70/- kipp.

5 per cent. extra for broken kipp.

Tar Brushes.



No. 1762w.



No. 1763w.

No.	...	...	...	1	2	3
Best Quality, Long Handles				1/4	1/8	2/- each.
" " Short				1/1	1/5	1/10 "
Mixed " Long				-9	-11	1/1 "
" " Short				-7	-8	-10 "

No. 1755w.

Specially made for Builders' Use.

Weight ... 12 11 10 9

Grey Middles ... 8/- 7/6 7/- 6/6 each.

Mixed Distemper Brushes.

No. 1758w.

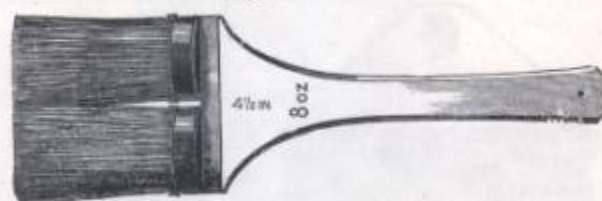
Two Knots. Unground.

Weight... 12 10 8 7 6 oz.

Price ... 3/- 2/9 2/2 2/- 1/10 each.

Fibre Distemper Brushes.

No. 1759w. Two Knots.



Weight... 12 11 10 9 8 7 6 oz.

Price ... 1/3 1/1 1/- -/10 -/9 -/8 -/7 each.

Stiplers.



No. 1764w.

	4x3	6x4	7x5	8x6	9x7 in.
Handle on Back	5/-	8/6	10/6	14/-	18/- each.



No. 1765w.

	4x3	6x4	7x5	8x6	9x7 in.
Handle at End	5/-	9/6	10/6	14/-	18/- each.

Tool, Machine, and Hardware Merchants and Manufacturers.

Washing-down Brushes.

No. 1766w.



Two Knots. Grey Bristles.				
Size	8	7	7	6 oz.
Length of Bristles	5	5	4½	4½ in.
Price	7/6	7/3	5/6	5/- each.

Washing-down Brushes.

No. 1768w.

Two Knots. Mixed.

Size	8	6 oz.
Length of Material	4½	4½ in.
Price	3/-	2/- each.



Limer Heads.

Leather Bound.

No. 1770w.

Size	10	9	8 oz.
	10/-	9/6	8/- ea.

Size	7	6	5	4 oz.
	7/6	5/6	4/6	3/6 ea.

Paperhangers' Brushes.

Plain Stocks. Not Handled.

No. 1771w.

Widths	7	8	9	10 in.
Grey Middles	3/6	4/-	4/6	5/- each.
Grey Bristles	—	3/9	4/3	4/10 "



Painters' Dusters.

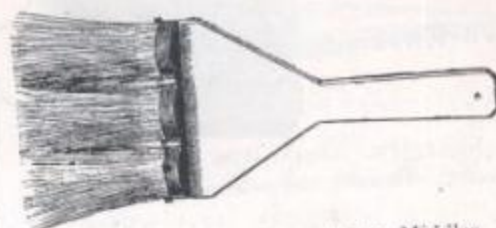
No. 1772w.



Best Quality, Round Wire Bound.

Size	8/0	6/0	4/0
Grey Middles, 7 in.	7/6	7/3	6/6 each.
" " 6 "	7/-	6/6	5/6 "

Tied Stock Brushes.



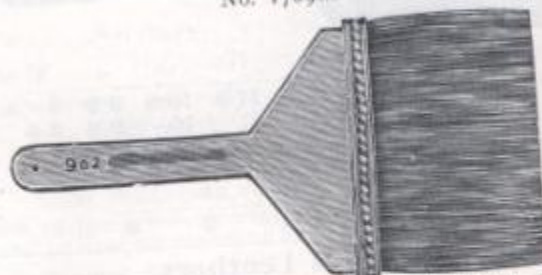
No. 1767w.

Copper Wire Bound, Grey Middles.

Sizes	10	9	8	7	6 oz.
Length of Bristles	5½	5½	5½	5½	5 in.
Three Knots	11/6	10/6	9/-	8/-	6/- each.

Nailed Stock Brushes.

No. 1769w.



Leather Bound, Lancashire Pattern, Elm Handles, Black Bristles.

Size	9	8	7½	7	6 oz.
5½ in.	8/-	7/6	7/-	6/9	6/- each.

Brass Band at same prices, and in ordering, letter B should be added to Catalogue Nos.

Leather Bound, Alder or Elm Handle, Mixed Bristles.

Size	9	8	7	6	5 oz.
5½ in.	5/6	4/9	4/-	3/6	3/- each.

Jamb Brushes.

No. 1773w.



Black Bristles.

No.	1	2	3	4
Length of Bristles out of Stock	3½	3½	3½	4 in.
Best Quality	1/3	1/6	2/-	2/6 each.

Orders of 20/- and upwards Carriage Paid (with few exceptions).



No. 1774W. **Brass Spring Stencils.**

In Sets containing Alphabet, Set of Figures, Ink, Brush, and Sponge.

Sizes	...	...	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{2}$	2	$2\frac{1}{2}$ in.
Per Set, Complete...	3/-	3/3	3/3	5/-	5/6	8/6	each.	
Figures only	...	1/-	1/1	1/2	1/6	1/9	3/-	"

No. 1775W.

Brushes.



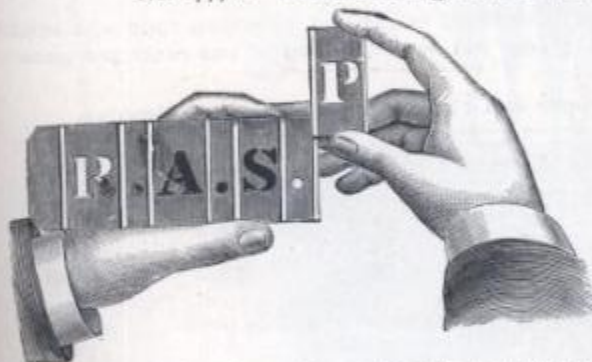
Price... -/3 -/4 -/5 -/6 -/8 each.

No. 1776W. **Zinc Stencils, Letters, and Figures on Loose Plates.**

Sizes	...	...	...	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	4	5	6 in.
Letters, per Set	...	...	...	1/9	2/9	3/6	4/6	5/6	7/-	9/-
Figures	...	...	...	-/7	-/11	1/2	1/6	2/-	2/6	3/-

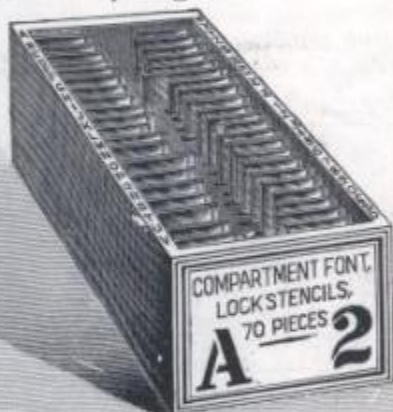
Stencil Plates
Cut to any
Design.

No. 1777W. **Interchangeable Lock Stencils in Spring Brass.**



These have recently been improved to expedite putting together, which can now be done with almost the rapidity of an expert setting type.

A Set contains two of each letter, except Q, X, and Z, of which there is one of each; one of each figure 1 to 9, two o's, ten blanks, full stops, etc.



Price per Fount of 70 pieces in Wood Box with separate compartments as illustrated ...

Extra Letters or Figures ...

$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{2}$	2	$2\frac{1}{2}$ in.
6/-	6/6	7/-	8/-	15/-	19/6 each.
-/2	-/2	-/2	-/3	-/5	-/6 ..

Letters and Figures. For Stamping Steel, Iron, Brass, etc., etc.

No. 1778W.
Best Quality
Wrought-iron Burn Brands.

Inch.	Per Letter.
$\frac{1}{8}$	1/3
$\frac{1}{4}$	1/5
$\frac{3}{8}$	1/9
$\frac{1}{2}$	1/11
$\frac{3}{4}$	2/1
$\frac{7}{8}$	2/5
1	3/-

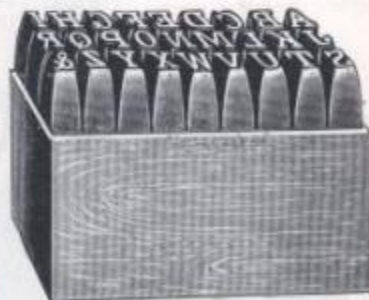
Quotations for Sets on application.

No. 1778 $\frac{1}{2}$ W.
Best Sheffield-made Sets.
For Wood and Iron.

Inch.	Letters.	Figures.
$\frac{1}{8}$	6/9	2/3
$\frac{1}{4}$	6/9	2/3
$\frac{3}{8}$	7/4	2/10
$\frac{1}{2}$	10/-	3/4
$\frac{3}{4}$	12/-	4/6
$\frac{7}{8}$	16/10	5/7
1	22/6	7/10
	33/9	11/3

No. 1779W. Engineers'
London-made Sets.
For Steel.

Letters.	Figures.
9/9	3/3
9/9	3/3
10/9	3/8
11/9	4/-
15/9	5/3
19/6	6/6
26/-	8/9
32/6	11/-



No. 1780W. **Joiners' Name Stamps.**

Up to $\frac{1}{2}$ in.: For stamping Iron, -/3 $\frac{1}{2}$ per letter up to 3 letters, -/3 per letter if more than 3 letters.
Extra strong and tempered for stamping Metal, -/1 $\frac{1}{2}$ per letter extra.
For stamping Wood only, -/1 $\frac{1}{2}$ per letter over 6 letters

A large and varied Stock of Engineers' Tools and Motor Accessories.



The efficiency and output of these Grinding Mills have been increased 50 per cent. by making them with bright polished iron grinding surface with out grooves both in cone and hopper, instead of cast cones and grooves. These are the best and cheapest Grinding Mills on the Market.

Prices in japanned green with gold lines; hopper and channel enamelled white inside:

	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.
No. 1781w. With Handle	15/-	21/-	27/3	34/9	92/6
" 1782w. " Flywheel	—	27/9	34/9	42/9	96/6
" 1783w. " Pulley	—	—	42/-	53/-	—
Height	12½ in.	15 in.	17 in.	19 in.	24 in.
Capacity of hopper	2 pints	4½ pints	6½ pints	9 pints	13½ pints
Work per hour with hand	10 lb.	18 lb.	27 lb.	36 lb.	70 lb.

No. 1784w. The Mixer.

For Decorators,
Engineers, Paint and
other Manufacturers.



For Hand Power with Fly Wheel.

A very convenient and efficient Machine, easily removed from place to place, and equally serviceable in mixing dry colours with oil, etc., as well as for thinning down paste paints, and quickly obtaining any tint that may be required.

The Mixing Pans are made of galvanised steel, fitted with Lifting Handles, and easily detached either for emptying, cleaning, or change of colours. The Beaters are raised by a single stroke of the Hand Lever, and the Pan and Beaters are driven by means of a cluster of three smooth-running Bevel Wheels.

Working capacity, 2½ gallons.
Size of Steel Pan, 12 in. diameter
by 8 in. deep.
Floor space, 29 in. by 16 in.



For Belt Drive with Fast and Loose Pulleys and Belt Guide.

Price,
Hand Power,
£5 : 2 : 6

With Pulleys,
£6 : 2 : 6

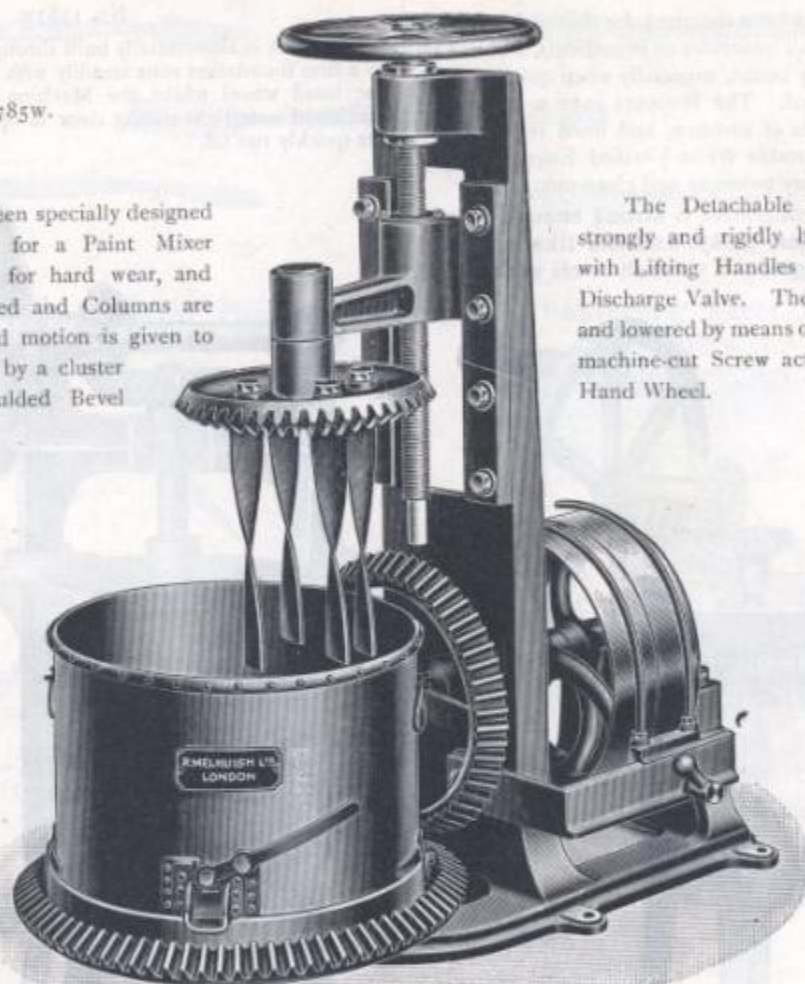
Contractors to the Home, Indian, and Colonial Governments.

The New Mixer.

No. 1785W.

This pattern has been specially designed to meet the demand for a Paint Mixer strongly built, suitable for hard wear, and low in price. The Bed and Columns are of solid Cast Iron, and motion is given to both Pan and Beaters by a cluster of three machine-moulded Bevel Wheels.

The Detachable Pan is of Steel, strongly and rigidly built, and is fitted with Lifting Handles and special Lever Discharge Valve. The Beaters are raised and lowered by means of a double-threaded machine-cut Screw actuated by a heavy Hand Wheel.



Size of Pan.		Working Capacity of Pan.	Size of Pulleys.		Revolutions of Pulleys per Minute.	Floor Space.		Weight Approximate.	Price Complete.
Dia. Ins.	Deep Ins.	Gallons.	In.	In.		Ft. In.	Ft. In.	Cwt. Qrs.	
21	14	17	20 by 4		50	4	2 by 2 6	7 2	£25 : 10 : 0

(Extra Pans supplied to order, £2 : 10 : 0 each.)

Carriage Forward. Packed for Export, 5 per cent. extra.

This section of our Catalogue contains the leading lines in Woodworkers', Painters', and Plumbers' Tools, Machines, and Accessories. Other sections, embracing a great variety of Engineers' Tools, Machines, and Appliances, Electrical Goods, Motor Tools, Horticultural and Estate Agents' Requirements, Builders' and Furnishing Ironmongery, etc., will be sent per post on application.

Bronze Medal, 1884.—Gold Medal, 1890.

Vertical Mixing Mill.

No. 1786W.

This pattern has been designed for thoroughly mixing comparatively small quantities of ingredients, and will be found exceedingly useful, especially when quick change of colours is desired. The Hoppers have a capacity of 6 gallons, are made of cast-iron, and lined inside with a thick coating of durable White Vitriified Enamel. They are particularly easy to empty and clean out.

The pugging arrangement is **strong enough to mix the stiffest pastes, putty, and the like, and will also mix semi-liquids in varnish or oil with equal facility.**



Size of Hopper	12 x 16 in.
Revolution of Pulleys per minute	60-80
Floor Space	18 x 18 in.
Price, Hand Power with Fly Wheel as illustrated	£7 : 5 : 0

Can be supplied with Pulleys for power.

Vertical Pug Mill.

For White Lead, Paints, etc., etc.

No. 1787W.

This Mill is substantially built throughout, and when secured to a firm foundation runs steadily with a full load. By turning the hand wheel whilst the Machine is working, a carefully machined watertight sliding door is opened and the contents are quickly run off.



By an improved arrangement the Beaters can instantly be removed by loosening the sleeve of the central shaft, so that interior of pan is accessible for cleaning, etc.

Size of Mill	18 x 17 in.
Capacity	15 gallons.
Floor Space	26 x 22 in.
Weight	5 cwt.
Price	£21 : 0 : 0

When so ordered, the interior of pan, as well as the beaters, may be covered with a thick coating of White Vitriified Enamel at a small extra charge.

Carriage Forward.

Tool, Machine, and Hardware Merchants and Manufacturers.

Plasterers' Moulding Tools.



No. 1788w.



Single Tool -/10

Trowel ended 1/- each.

Mortar Larries.



No. 1789w.

Price 2/- each.

Steel Hooks or Drags.



No. 1790w.

Two Prong.

Price ... 1/3 each.

Plasterers' Steel Joint Rules.



No. 1791w.

3 in. to 18 in.

Price -/1 per in.

Plasterers' Hod Sockets.



No. 1792w.

Price 1/2 each.

Plasterers' Servers.

No. 1793w.



Price 1/3 each.

Masons' Iron Squares.

No. 1794w.

Price.

18 x 12 in. 1/3

24 x 12 " 1/6

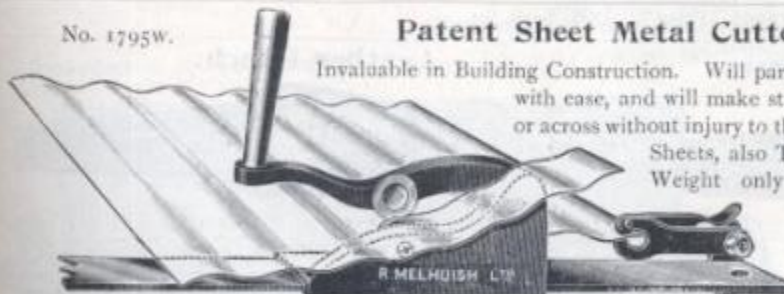
Rule marked both sides.



No. 1795w.

Patent Sheet Metal Cutter.

Invaluable in Building Construction. Will pare Corrugated Iron Sheets up to 24 gauge with ease, and will make straight or diagonal cuts whether lengthways or across without injury to the corrugations. Flat Iron, Brass, or Copper Sheets, also Tin Plates, may be pared with equal facility. Weight only 8 lb., very portable and readily fixed to any work bench by ordinary wood screws.



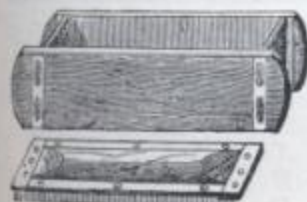
The Slide Bar is 48 in. long, and allows a cut of 41 in. to be made.

Longer Bars can be furnished at a proportionately higher charge.

Price £1 : 2 : 6 each.

Brick Moulds.

Standard Sizes. No. 1796w.



9½ × 4½ × 3½ in. deep	...
9½ × 4½ × 3½ " "	...
9½ × 4½ × 3½ " "	...
9½ × 4½ × 3½ " "	...
10 × 5 × 3½ " "	...
10½ × 5½ × 3½ " "	...

Price 11/6 each complete with Stocks.

C.S. Chisels for Corrugated Iron.



No. 1797w.

Price 1/3 each.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

Saddlers' Tools. Warranted.



No. 1798w. Double Crease, -/10 each.



No. 1799w. Screw Crease, 1/3 each.



No. 1800w. Single Crease, -/8 each.



No. 1801w. Seam Turner, 1/2 each.



No. 1802w. Edge Shave, -/10 each.



No. 1803w. Bevel Crease, -/10 each.



No. 1804w. Head Knife, 1/6 each.



No. 1805w. Hand Wheel and Frame, 4/3 each.



No. 1806w. Palms, 1/2 each.



Half Round Knives.

No. 1807w.

5 in., 1/10 each.
6 " 2/6 "
7 " 3/3 "

Knurled Saddlers' Hollow Punches.

No. 1808w.



This Set consists of one each Saddlers' Drive Punch, No. 1 to 12 (1/8 to 3/4 in.), put up in a neat round box, as shown in cut.

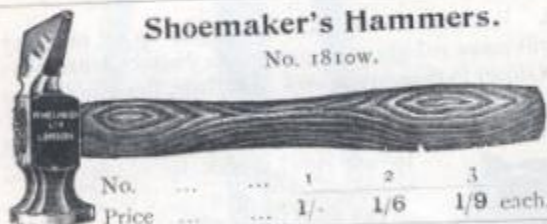
Price ... 8/3 per Set.

Plough Gauge.

No. 1809w.



Price ... 15/6 each.



Shoemaker's Hammers.

No. 1810w.

No.	...	1	2	3
Price	...	1/-	1/6	1/9 each.



Leather Punch.

No. 1811w.

Size	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2 in.
Price	-/9	-/10	1/-	1/9	2/6	3/-	3/6	4/-	4/6 each.

Shoe Rasps.

No. 1812w.

Improved Pattern, Half File, 8 in. long.
6/6 per doz.



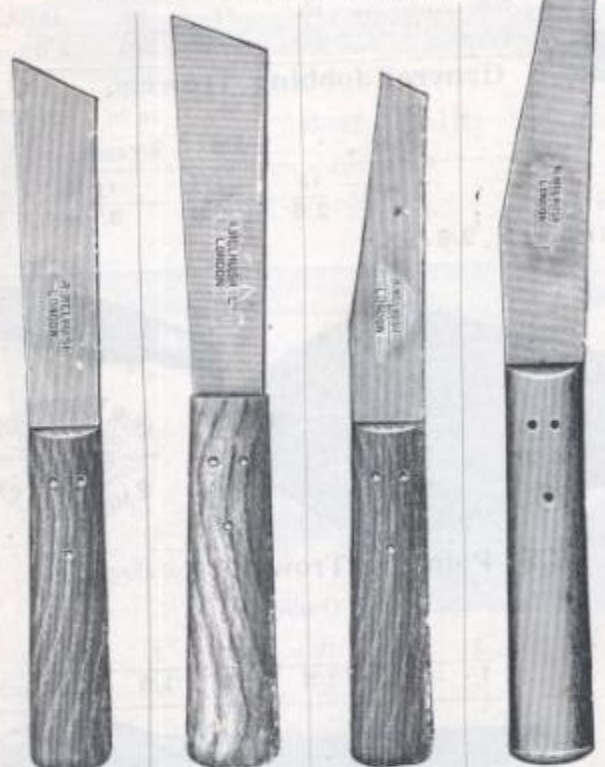
Ratchet Braces,
India Oil Stones,
Carving Tools,
Hammers,
Adzes and Axes,
Routers,
Drain Tools,

Masons' Tools,
Electricians' Tools,
Lathes,
Hatches,
Upholsterers' Tools,
Ironmongery,
Saws of all kinds,
Household Tools,

Levels and Land Chains,
Iron Planes,
Measuring Tapes,
Ivory Rules,
Turnscrews,
Engineers' Tools,
Drills and Dividers.

A large and varied Stock of Engineers' Tools and Motor Accessories

Shoe or Packers' Knives.
Warranted. With Beech Handles.



No. 1813w.
Length, 4 in.
Cherrywood
Handle,
5/- doz.

No. 1814w.
4½ in.
Broad Point,
5/3 doz.

No. 1815w.
4 in.
Special,
3/6 doz.

No. 1816w.
5 in.
Clip Point,
5/3 doz.

**London
Pattern
Shoe
Pincers.**



No. 1817w.

6	7	8 in.
1/2	1/4	1/6

**Tower
Cutting
Nippers.**



No. 1818w.

6	7	8 in.
1/7	1/10	2/2

**Bull-
Dog
Pincers.**



No. 1818½w.

Price
1/6

Shoemaker's Tool Chest.

No. 1819w.

Containing the following assortment of Shoemakers' Tools of high class quality:



- | | |
|------------------------------------|----------------------------------|
| 1 Improved Shoe Rasp. | 1 Round File. |
| 1 Shoemaker's Knife (broad point). | 1 Forepart Iron. |
| 1 best Shoe Hammer. | 1 Glazing Iron. |
| 1 pair Shoe Pincers (small). | 1 Double Iron. |
| 1 pair Ditto (large). | 1 Movable Peg Wheel. |
| 1 pair Tower Shoe Nippers. | 1 Waist Wheel. |
| 1 Shoe Stone. | 6 Sewing Awls. |
| 1 pair Punch Pliers. | 3 Sewing Awl Hafts. |
| 1 pair Eyelet Pliers. | 12 Shouldered Oval Pegging Awls. |
| 1 Hoop Peg Knife. | 2 Pegging Hafts. |
| 1 Peg Rasp and Cutter. | 1 American Peg Awl Haft. |
| | 6 American Square Peg Awls. |
| | 1 gross Shoe Tacks, assorted. |

Price complete	...	...	19/6
No. 1819½w. With 25 Articles	...	...	12/6
No. 1820w. " " "	...	...	8/-

Contractors to the Home, Indian, and Colonial Governments.



"W.H.S." Trowels.

As Illustrated. Size ... 12 ... 12½ ... 13 in.
Price ... 2/6 ... 2/9 ... 3/- each.
No. 1821W. Left Hand, 12 in., 2/6 each.

Hy. Disston's Brick Trowels.

No. 1824W.

London Pattern.

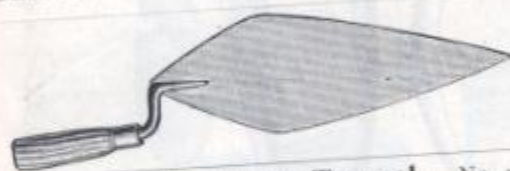
Size ... 11 ... 12 in.
Price ... 2/9 ... 3/- each.



C.S. Pointing Trowel. No. 1825W.

Best Quality.

Size ... 5 ... 5½ ... 6 ... 6½ ... 7 ... 8 in.
Price ... 1/- ... 1/1 ... 1/3 ... 1/4 ... 1/6 ... 1/10 each.

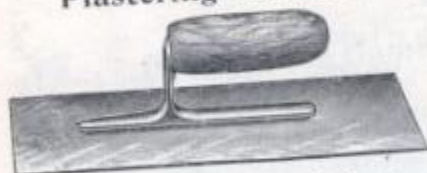


C.S. Gauging Trowel. No. 1826W.

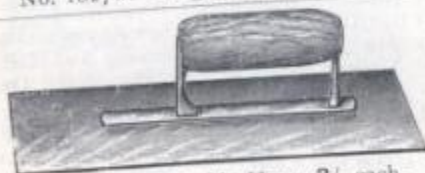
Best Quality.

Size ... 6 ... 6½ ... 7 ... 8 ... 9 ... 10 in.
Price ... 1/6 ... 1/7 ... 1/8 ... 1/9 ... 2/- ... 2/3 each.

Best Quality English Plastering Trowels.



No. 1827W. Single Hang, 2/6 each.

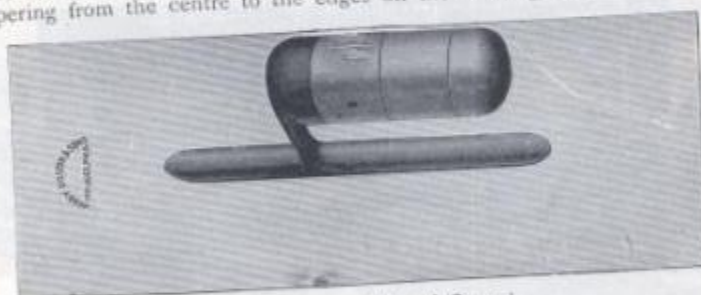


No. 1828W. Double Hang, 3/- each.

Hy. Disston's Patent Plastering Trowels.

No. 1829W.

The mounting and handle of this Trowel are adjusted by an improved method, making it strong, durable, and easy to the hand. The Blade is of the very best quality Steel, highly tempered, and ground tapering from the centre to the edges on the working side.



Size 11 in. Price 4/6 each.

Bricklayers' Jointers. No. 1830W.

Width on Face ... ½ ... ⅝ ... ¾ ... ⅞ in.
Short, 2½ in. ... 1/- ... 1/- ... 1/- ... 1/- each.
Long, 5 in. ... 1/- ... 1/- ... 1/- ... 1/- "



Bronze Medal, 1884.—Gold Medal, 1890.

Slater's Ripper.

No. 1831w. Price 3/6 each.



Best Quality Slaters' Hammers.

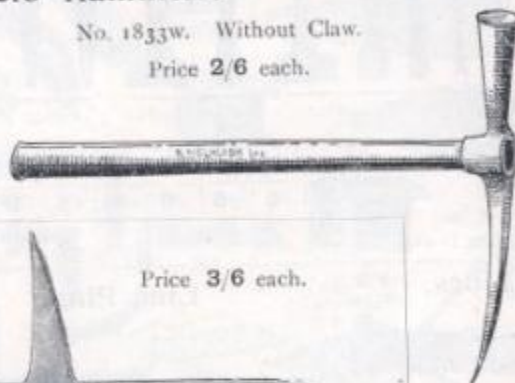
No. 1832w. With Claw.

Price 3/- each.



No. 1833w. Without Claw.

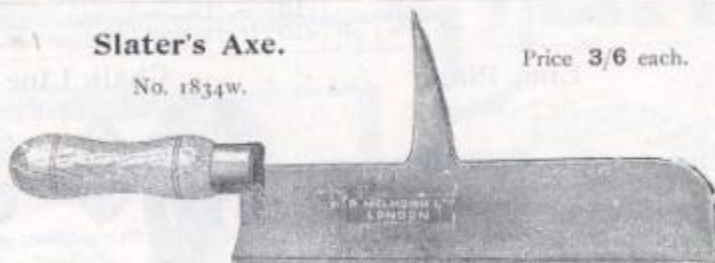
Price 2/6 each.



Slater's Axe.

No. 1834w.

Price 3/6 each.



Lath Hammer.

No. 1835w.

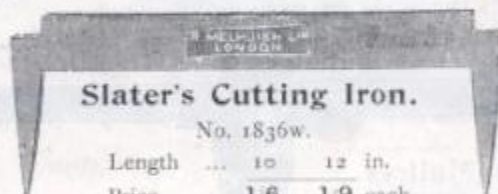


Size	...	A	B	C
Price	...	1/4	1/6	1/9 each.

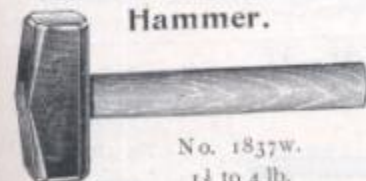
Slater's Cutting Iron.

No. 1836w.

Length	...	10	12 in.
Price	...	1/6	1/9 each.



Mason's Solid Steel Hammer.



No. 1837w.
1 1/2 to 4 lb.

Price, Heads only ... -/6 per lb.
" Handled ... -/5 each extra.

Bricklayer's Scutching Hammer.



No. 1838w. Price, Handled, 2/-

Bricklayers' Hammers.

No. 1840w.



Handled.

Price 2/- each.

Steel Crowbars.

No. 1841w.	1 1/2 in. diameter.	
48	60	72 in.
6/9	7/9	9/9 each.

Scaffolding Hammer.

No. 1839w.



London Pattern.
Handled.
Price 3/- each.

Earth Rammers.

No. 1842w.

Prices:

7 lb.	...	1/3
14 "	...	2/3



Tool, Machine, and Hardware Merchants and Manufacturers.

Masons' Tools.

Nos. 1843w.		1844w.		1845w.		1846w.		1847w.		1848w.		1849w.		1850w.		1851w.	
Lettering Tools, 5/6 per doz.		Chisels.		Claw Tools.		Points.		Bolster.		Tooler.		Pitching Tool.		Drag, 1/- each.			

No. 1844w. Mallet Head Chisels	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3 in.	No. 1846w. Points, 1/2 in.	7/7 each.
Price	-/5	-/5	-/6	-/6	-/7	-/8	-/9	-/10	1/-	" 1851w. Line Pins	6 per pair.
No. 1845w. Claw Tools	-/5	-	-	-	-/8	-/9	-	-/10	1/-	" 1847w. Bolster, 4 in.	1/9 each.
" 1848w. Pitching Tools	-	-	-	-	-/8	-/9	-	-/10	1/-	" 1850w. Combs, Assd.	6/- doz.
										" 1849w. Tooler, 3 1/2 in.	1/3-1/6 ea.

Chalk Lines. No. 1853w.




Hemp, in Balls ... -/6 each.
 " in Knots, Small -/1 1/2 "
 " " Large -/2 "
 Best Cotton, about 30 yds.,
 -/3 per knot.

Line Pins. No. 1854w.



Iron ... Price -/4 per pair.
 Bright Steel ... -/10 "

Chalk Line Reels. No. 1855w. No. 1856w. No. 1857w.



Beech, Short -/2 each.
 " Long -/3 "
 Box, Short ... -/3 " Long -/4 each.
 Brass, No. 1855w ... -/6 "

Bricklayers' Improved Scutches.



Masons' Mallets.

No. 1859 1/2 w. 7 in. 2/9 ea.
 7 1/2 in. 3/3 "
 Beech. 8 in. 3/6 "

No. 1860w.
 Price ... 2/- each.
 Extra Blades,
 Price ... -/10 each.

Double-ended Brick Cleaner.



No. 1858w.
 5 in. Price 3/- each.
 (As Illustrated.)

No. 1858 1/2 w. Double Edge Brick-cleaning Axe ... 2/3 each.
 " 1859w. Chopper Pattern Cleaner ... 1/3 "

**TO RULY
TEST A
TOOL IS
TO TRY IT.**

RICHARD MELHUISH, LTD.

We invite a Trial Order with the certainty that it will be the first of many and larger orders.

No. 1862aw.
Lath Render's Knives.
 8 x 2 1/4 in. blade, 2/6 each.

No. 1862nw.
Lath Render's Irons.
 2/6 each.

No. 1862cw.
Brick Cutters' Bow Saws.
 3/- each

No. 1862dw. Twisted Wire for Brick Cutting, 1/2 per lb.

No. 1862ew.
Large Trammel Heads.
 3/- per pair.

No. 1862rw.
 Rods for ditto, 5 ft. ... 2/- each.
 " 10 ft. ... 4/- "

No. 1862ow.
Brick Files.
 16 x 2 in., 2/9 each.

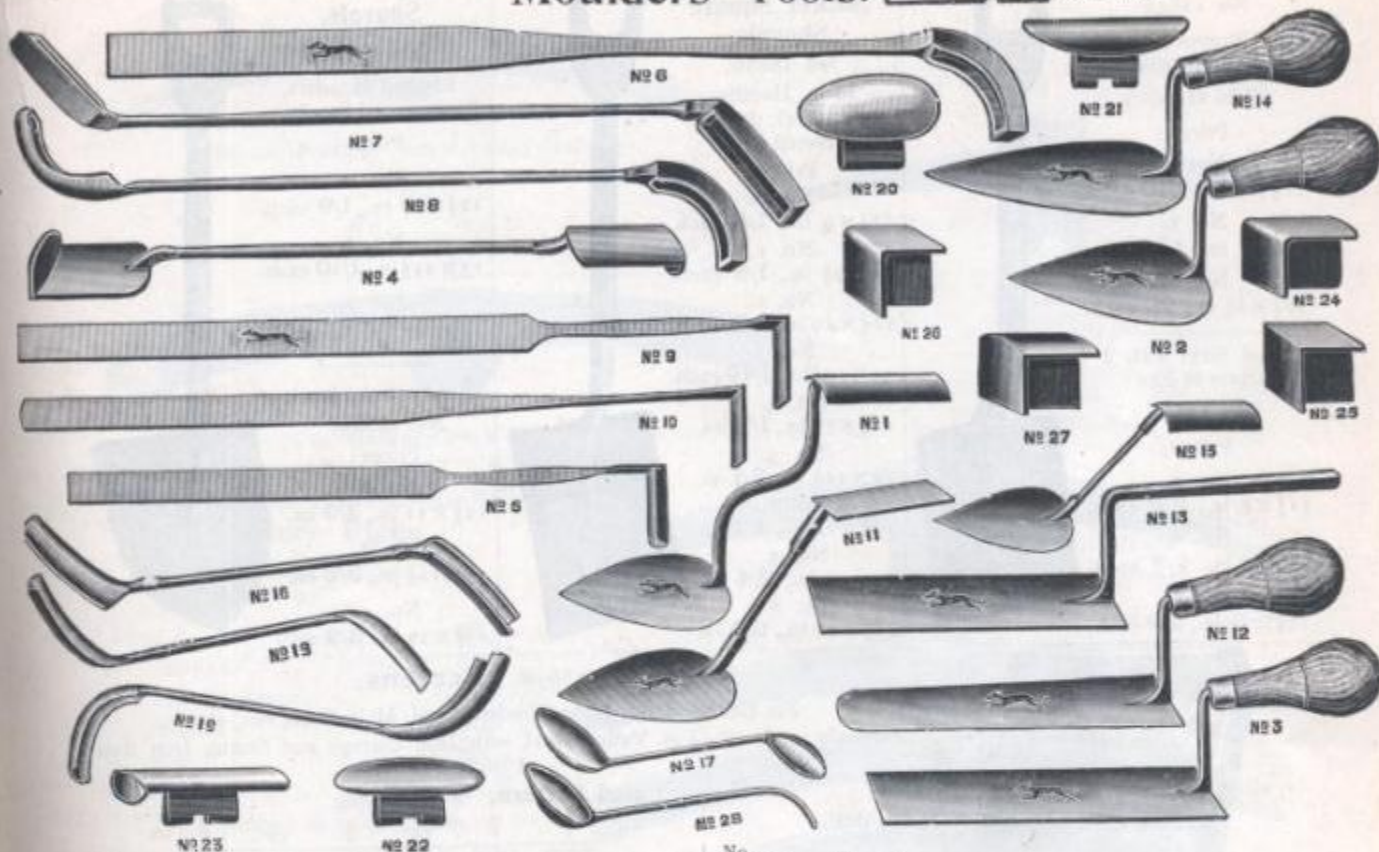
Wood Splitting Wedges.



No. 1862w.
 Best Solid Steel.
 Price ... -/5 per lb.
 2 to 7 lb.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

Moulders' Tools. No. 1863W.



- No.
- Gate Knives (Straight or Bent), $2\frac{1}{2} \times 1\frac{1}{2}$ in., 16/- per doz.
 - Broad Heart Trowels, 14/-, 16/-, 18/-, 20/- per doz.
 - Moulders' Square Trowels (English), all sizes, 14/- per doz.
6 in. $\times 1\frac{1}{2}$ in., 6 in. $\times 1\frac{3}{4}$ in., 6 in. $\times 1\frac{1}{2}$ in., 6 in. $\times 1\frac{3}{4}$ in.
 - Boss Tools, 22/-, 24/-, 26/- per doz.
 - Scotch Blub Cleaners— $\frac{1}{2}$ in. $\frac{3}{4}$ in. $1\frac{1}{4}$ in.
20/- 22/- 24/- 26/- per doz.
 - Flange Cleaners— $\frac{1}{2}$ in. $\frac{3}{4}$ in. $1\frac{1}{4}$ in.
18/- 20/- 22/- 24/- per doz.
 - Girder Tools— $\frac{1}{4} \times \frac{1}{4}$ $\frac{3}{8} \times \frac{3}{8}$ $\frac{1}{2} \times \frac{1}{2}$ $\frac{3}{4} \times \frac{3}{4}$ 1×1 $1\frac{1}{2} \times 1\frac{1}{2}$ in.
17/- 18/- 20/- 22/- 24/- 26/- per doz.
 - Flange Bead Upsets— $\frac{1}{2}$ in. $\frac{3}{4}$ in. $1\frac{1}{4}$ in. $1\frac{3}{4}$ in.
17/- 18/- 20/- 22/- 24/- per doz.
 - Scotch Cleaners— $\frac{1}{2}$ in. $\frac{3}{4}$ in. $1\frac{1}{4}$ in. $1\frac{3}{4}$ in. 1 in.
10/- 12/- 14/- 16/- 19/- 22/- 26/- per doz.
 - English Cleaners— $\frac{1}{2}$ in. $\frac{3}{4}$ in. $1\frac{1}{4}$ in. $1\frac{3}{4}$ in. 1 in.
8/- 9/- 11/- 13/- 15/- 17/- 20/- 24/- per doz.
 - Heart and Square Trowels—
Size of Heart End, $1 \times 1\frac{1}{2}$ $1\frac{1}{2} \times 2$ $1\frac{3}{4} \times 2\frac{1}{2}$ in.
12/- 14/- 16/- per doz.
" " " 2×3 $2\frac{1}{2} \times 3\frac{1}{2}$ in.
18/- 20/- per doz.

- No.
- Taper Trowels—
 $1\frac{1}{2} \times 6$ $1\frac{1}{2} \times 6$ $1\frac{1}{2} \times 6\frac{1}{2}$ $1\frac{1}{2} \times 7$ in.
15/- 16/- 17/- 18/- per doz.
 - Scotch Trowel (Iron Handle)—
 $5\frac{1}{2} \times 1$ $5\frac{1}{2} \times 1\frac{1}{2}$ $5\frac{1}{2} \times 1\frac{1}{2}$ $5\frac{1}{2} \times 1\frac{3}{4}$ $6 \times 1\frac{1}{2}$ $6 \times 1\frac{3}{4}$ in.
13/- 15/3 17/- 18/- 19/- 20/- per doz.
 - Long Heart Trowels, 16/- per doz.
 - Gate Knives (Scoop End).
Size of Heart End, $2\frac{1}{2} \times 1\frac{1}{2}$ 3×2 in.
16/- 17/- per doz.
 - Fluted Bead, No. 1, 16/-; No. 2, 18/- per doz.
 - Spoon Tools, No. 1, 14/-; No. 2, 16/- per doz.
 - Straight Bead, No. 1, 16/-; No. 2, 18/- per doz.
 - Circular Bead, 22/6 per doz.
 - Egg Smoother, 16/- per doz.
 - Pipe Smoother, 10/- per doz.
 - Bacca Box, 18/- per doz.
 - Safe End Pipe Smoother, 13/- per doz.
 - Round Edge Corner Smoother, 12/- per doz.
 - Square Corner Smoother, 12/- per doz.
 - Flange Corner Smoother, 12/- per doz.
 - Round Edge Flange Corner Smoother, 12/- per doz.
 - Slicker or Dog-tail Tool, 14/- per doz.
- N.B.—The above Prices include Handles on Trowels complete.

A large and varied Stock of Engineers' Tools and Motor Accessories.

London Shovels.

No. 1864w.

Solid Strapped Riveted
Eye Handles:

28 in. Handles.

Prices:

No. 0.

11½ × 9 in., 1/10 each.

No. 1.

12 × 9½ in., 1/11 each.

No. 2.

12½ × 10 in., 2/- each.

Solid Steel with 2
Rivets in Eye:

No. 1865w.

Prices:

No. 0.

11½ × 9 in., 2/6 each.

No. 1.

12 × 9½ in., 2/8 each.

No. 2.

12½ × 10 in., 2/9 each.



Solid Steel Open Socket Square Shovels.

No. 1866w.

28 in. Handles.

15 W. G. Plates,
Riveted Eyes.

Prices:

No. 0.

11½ × 9 in., 1/8 each.

No. 1.

12 × 9½ in., 1/8 each.

No. 2.

12½ × 10 in., 1/9 each.

No. 3.

13 × 10½ in., 1/10 each.

No. 4.

13½ × 11 in., 1/11 ea.

No. 5.

14 × 11½ in., 2/1 ea.

No. 6.

14½ × 12 in., 2/3 ea.

No. 7.

15 × 12 in., 2/4 ea.

No. 8.

15½ × 12 in., 2/5 ea.



Steel Gravel Shovels.

No. 1867w.

Riveted Handles,
Stamped Steel.

Prices:

No. 0.

12½ × 11 in., 1/9 each.

No. 1.

13 × 11½ in., 1/10 each.

No. 2.

13½ × 12 in., 2/- each.

Wrought Solid Steel,

No. 1868w.

Prices:

No. 2.

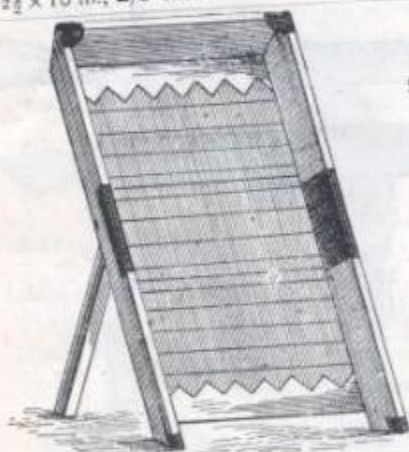
12½ × 11 in., 3/3 ea.

No. 3.

13 × 11½ in., 3/6 ea.

No. 4.

13½ × 12 in., 3/9 ea.



No. 1869w. Screens.

For Gravel, Sand, Lime, Cinders, Coal, Malt, Corn, etc., etc.
Strongly made of 1½ in. Yellow Deal, with Iron Clamps and Strong Iron Bars
at back.

Laced Pattern. Extra Strong.

Mesh	1/2 in.	3/4 in.	1 in.	1 1/4 in.	1 1/2 in.
5 ft. 6 in. × 2 ft. 9 in.	16/3	16/6	16/9	17/9	18/6
					21/6 each.

Laced Pattern. Lighter Quality.

Mesh	1/2 in.	3/4 in.	1 in.	1 1/4 in.	1 1/2 in.
5 ft. 6 in. × 2 ft. 9 in.	13/3	13/6	14/9	15/-	15/9
					16/6 each.

Locketed Screens. Extra Strong.

Mesh	1/2 in.	3/4 in.	1 in.	1 1/4 in.	1 1/2 in.
6 ft. × 3 ft.	19/9	21/-	21/9	22/6	23/6
					27/9 each.

Carriage Forward.

20 in. Extra Strong Straight Mesh Gravel Sieves.

No. 1870w.

Mesh	1/2 in.	3/4 in.	1 in.	1 1/4 in.
Price	3/-	3/-	3/3	3/3 each.

20 in. Builders' and Plasterers' Sieves. No. 1870½w.

Iron Wire Bottoms, Strong Ash Rims 3½ in. deep inside, 4 to 14 mesh,
2/- each; 16 to 20 mesh, 2/3 each.

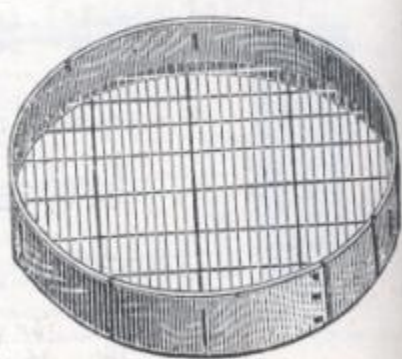
20 in. Masons' and Plasterers' Sieves. No. 1871w.

With Oak Rims 5 in. deep inside.

Iron Wire Bottoms, 8 to 12 mesh,	3/-	14 to 20 mesh,	3/3 each.
Brass " " " "	4/6	" " " "	4/9 "
Copper " " " "	4/9	" " " "	5/6 "

20 in. Founders' and Moulders' Sieves. No. 1871½w.

Ash Rims 3½ in. deep, Extra Strong Bottoms, 4 to 14 mesh.
Wire Wire Bottoms. Iron, 3/6; Brass, 6/9; Copper, 7/6 each.



No. 1870w.

Contractors to the Home, Indian, and Colonial Governments.

Picks.

Chisel and Point, well Steeled.

No. 1872w.



	4	5	6	7 lb.
Price ...	1/6	1/8	2/-	2/3

Double Pointed. Same quality as above.

No. 1872½w.



	4	5	6	7 lb.
Price ...	1/6	1/8	2/-	2/3

Mattock.

No. 1873w.



	4	5	6	7 lb.
Price ...	1/8	2/1	2/6	3/-

36 in. Hickory Pick Handles for above

8/- doz.

Contractors', Mining, and Quarry Picks.

Blades only. No. 1874w.

Prices:

A and B. Navy and Railway ...	45/- cwt.
C. Mattock ...	50/- "
D. Railway Beater ...	50/- "
E. Sinkers ...	50/- "
F. Poll ...	50/- "
G. Quarry ...	57/6 "

If under 4 lb. weight, extra.

Best Hickory Handles.

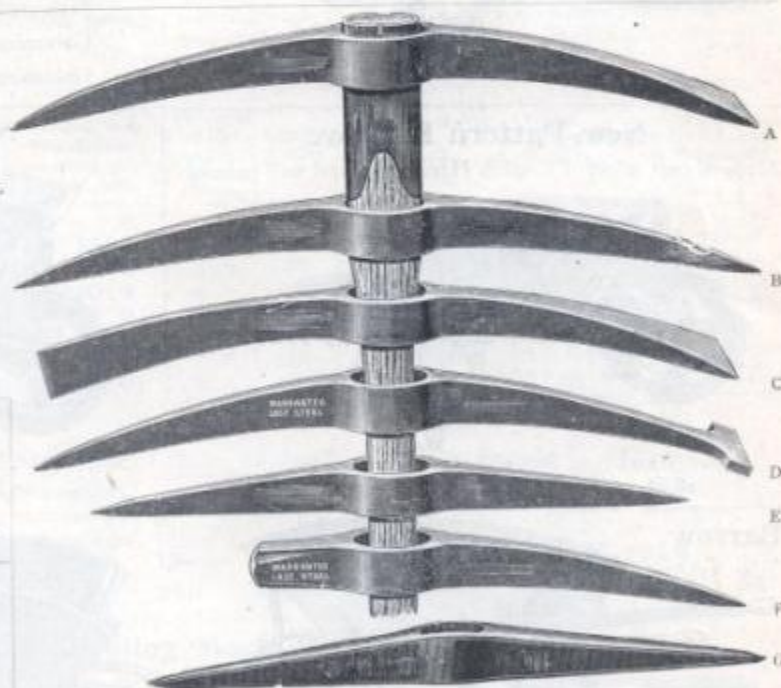
No. 1875w. Hooped and Ferruled.

	32	36	39	42 in.
Price ...	2/-	2/3	2/6	2/9 each.

Best Malleable Iron Sockets.

No. 1876w.

No. 2 ...	1/3 each.
" 3 ...	1/6 "



Best Solid Steel Quarry Pick.

No. 1877w.



Assorted patterns. Price 1/6 per lb.

Quotations
for
Mining
and other
Steel
on application.



See our Complete
Engineers'
Catalogue
for Metal Tools
and Steel
of all descriptions.

Bronze Medal, 1884.—Gold Medal, 1890.

Navy Barrows.

No. 1878w.

Standard pattern, of seasoned Hard Timber and Jacob's pattern Wood Wheels.

Frame bolted with $\frac{1}{2}$ in. Bolts and Nuts, Body of 1 in. wood and measuring at bottom $15\frac{1}{2}$ in. long, $10\frac{1}{2}$ in. wide at front, and 15 in. at back. Depth at front $11\frac{1}{2}$ in., back $7\frac{1}{2}$ in. Inside, 26 in. back, 19 in. front, 29 in. length. Wheel is $18\frac{1}{2}$ in. diameter, and bound with $1\frac{1}{2}$ in. Iron Tyre.

Price 13/6 each. No. 1879w. With Iron Wheel, 12/6 each.

**New Pattern Barrow.**

Made of best selected English Hardwood, and well painted.

No. 1881w.

Size of Wheel.
18 in.Size of Body.
28 x 24 in.Price.
27/6 each.**Tubular Frame Mining Wheelbarrow.**

No. 1880w.

New pattern. Steel Body Stamped in One Piece.

PRICES:

Japanned all over	...	...	22/6 each
Galvanized Body and Japanned Frame	...	...	27/6 "
Galvanized all over	...	...	32/6 "

New Pattern Barrow.

No. 1882w.



Same make Barrow as No. 1881w, but with top boards
7 in. deep. Price 39/6 each.

Barrow.

No. 1883w.



Galvanized Bodies.

No. 1, 23 x 20 in.	15/9	No. 3, 30 x 25 in.	25/6
" 2, 27 x 22 "	20/-	" 4, 34 x 28 "	28/9

Boy's Barrow.

No. 1885w. 17 x 15 in. Price 8/3 each.

**Barrow.**

No. 1884w.

A very well made, strong, and serviceable Barrow; the framework is made of best selected English ash, and the sides of well-seasoned elm; solidly bolted, fitted with wrought-iron wheel, 17 in. diameter; loose front board for convenience of emptying. The Barrow has been further strengthened by an additional stay to the legs, as shown.

		INSIDE SIZES OF BODY.				
		Length	Width of bottom	Depth.		
at top.	at bottom.	at top.	at bottom.	in front.	at back.	
32	24	22	21	15	6	in.
Price	...	...	...	...	...	38/6 each.

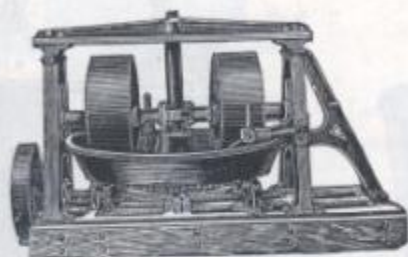
Carriage Forward.

Tool, Machine, and Hardware Merchants and Manufacturers.

Mortar Mills.

With Revolving Pan, to drive by Belt.

No. 1886w.



This type is used by Builders, Contractors, and others who are in a position to make a suitable Timber Bed at a small expense. Thousands are now at work giving the greatest satisfaction.

Diameter of Pan at Top, Outside.	Approx. Weight.	Price on Cast-Iron Frames ready for fixing on Timber Bed.	Price with Strong Pitch Pine Bed and Bolts.	Price with Strong Cast-Iron Box Foundation, needing no Timber Bed.
ft. in.	cwt.	£ s. d.	£ s. d.	£ s. d.
5 0	63	36 : 0 : 0	39 : 0 : 0	39 : 10 : 0
5 6	70	40 : 0 : 0	43 : 15 : 0	43 : 10 : 0
6 0	90	44 : 10 : 0	48 : 10 : 0	48 : 10 : 0
6 6	102	50 : 0 : 0	54 : 15 : 0	54 : 10 : 0
7 0	116	58 : 0 : 0	63 : 10 : 0	63 : 0 : 0
7 6	130	65 : 0 : 0	71 : 10 : 0	71 : 0 : 0
8 0	150	84 : 0 : 0	91 : 0 : 0	89 : 10 : 0

With Revolving Pan, to drive by Belt, on Steel Girder Frame, mounted on Travelling Wheels, and with Lock and Shafts.

No. 1887w.



This arrangement will be found very useful to Builders, Contractors, and others who frequently have occasion to move Mortar Mills from one place to another. Before commencing work, the Travelling Wheels should always be taken from under and the Mill let down. This can be done in a few minutes.

Diameter of Pan at Top, Outside.	Approx. Weight.	Price on Strong Pitch Pine Bed, mounted on 4 Wheels, without Lock or Shafts.	Price with Lock and Shafts for Draft.	Price on Steel Frame (as illustrated).
ft. in.	cwt.	£ s. d.	£ s. d.	£ s. d.
5 0	78	46 : 10 : 0	50 : 0 : 0	50 : 0 : 0
5 6	85	51 : 0 : 0	55 : 0 : 0	55 : 0 : 0
6 0	108	57 : 0 : 0	61 : 0 : 0	61 : 0 : 0
6 6	120	63 : 10 : 0	67 : 10 : 0	67 : 10 : 0
7 0	147	72 : 0 : 0	77 : 10 : 0	77 : 10 : 0
7 6	159	81 : 10 : 0	86 : 0 : 0	86 : 0 : 0
8 0	173	101 : 0 : 0	105 : 0 : 0	105 : 0 : 0

EXTRAS.

	5 ft.	5 ft. 6 in.	6 ft.	6 ft. 6 in.	7 ft.	7 ft. 6 in.	8 ft.
Loose Pulley with Extended Driving Shaft, Loose Collar, and Set Pin ...	28/6	28/6	39/-	39/-	46/-	46/-	54/-
Extra Pedestal to give an independent Bearing outside the Pulley ...	19/-	19/-	20/-	20/-	21/6	21/6	23/-
Packing and Marking for Export ...	34/-	34/-	38/-	40/-	45/-	48/-	54/-

Slate Holing Machines.

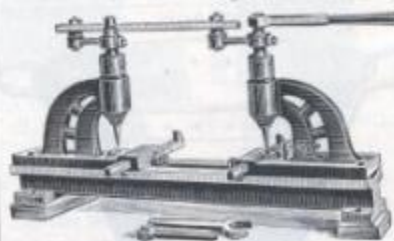
No. 1888w.



Single Machine, without Holder.

Price ... £1 : 5 : 0 each.

No. 1889w.



A Double Rapid Boring and Adjustable efficient Machine, strong in construction and fully warranted.

Price ... £4 : 10 : 0 each.

No. 1890w.



Single Machine, fitted with Slate Holder.

Price ... £1 : 10 : 0 each.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

Galvanized Patent Buckets, Riveted Sides and Forged Ears.

No.
1891w.



Size ... 10 11 12 13 in.
Price ... 1/1 1/1 1/3 1/5 each.
12 in. weigh 48 lb. to 50 lb. per doz.

No.
1892w.



FOR YACHT USE.
Size ... 10 11 12 in.
Price ... 1/6 1/7 1/9 each.

No.
1893w.



Size ... 11 12 13 14 in.
Price ... 1/9 1/10 2/3 2/3 each.
12 in. weigh 60 lb. per doz.

No.
1894w.



Size ... 11 12 13 14 in.
Price ... 2/3 2/3 2/4 2/6 each.
12 in. weigh 90 lb. per doz.

No.
1895w.



Size ... 11 12 13 14 in.
Price ... 2/1 2/3 2/6 2/8 each.
12 in. weigh 96 lb. per doz.



Size ... 11 12 13 14 in.
Price ... 2/3 2/9 3/3 3/3 each.
12 in. weigh 120 lb. per doz.



No. 1897w.

Galvanized Strong Manure Bowl,
with Socket.

Size ... 9 10 11 12 in.
Price ... 1/9 2/3 2/6 2/9 each.

No. 1899w.



Galvanized Deep Skip, Strapped Bottom,
BEST QUALITY.

Size ... 1 2 3 1 bushel.
Price ... 3/3 3/6 3/9 each.

Galvanized
Well Bucket.

No. 1900w.

Size. Price
Gallons. each.
4 ... 4/6
6 ... 5/6
8 ... 6/6
10 ... 9/6



A large and varied Stock of Engineers' Tools and Motor Accessories.

Foundry Bellows.

No. 1901W.



Made from Extra Strong Leather, and has Patent Valve Protector.

9	10	11	12 in.
3/-	3/3	3/6	4/- each.

Cylindrical Bellows.

In Wood for Cleaning Machinery, etc.

No. 1902W.



No.	1	2	3
Length of Cylinder	14	16	18 in.
Diameter of Cylinder (inside)	2 1/2	2 3/4	2 1/2 ..
Price	3/9	4/9	5/- each.
No. 1902 1/2 W. If with Bent Nozzle	5/-	6/-	6/6 ..

Four-Plane Lantern.

No. 1903W.



Large size, 1/6 each.
With Red Glasses,
-4 per glass extra.

Horn Lantern.

No. 1906W.



Wired and Riveted.

Price:

No. 4	5	6	7
3/3	3/6	4/6	4/9 ea.

Hurricane Lantern.

Extra Strong. No. 1904W.



Large Tank, with Patent Foot
Seamless.

Price ... 3/6 each.

Important to those Ordering through Shippers.—In order to ensure entire satisfaction, we advise our friends to give definite instructions that the goods shall be procured direct from our house. By these means they may be sure of receiving the pattern and quality specified in our Catalogues.

RICHARD MELHUISE, Ltd.,
London, E.C.

The "Perfection" Chemical Fire Extinguisher.

No. 1905W.

This is a small Hand Fire Engine, made of **Heavy Solid Copper** throughout, and tested and guaranteed to stand a pressure of 350 lb. per square inch (about five times the pressure generated when in use), it also affords the **cheapest** method of protection from fire yet devised. There being no intricate mechanism or striking apparatus to break bottle, cocks, gauges, plunger, or valves to puzzle the operator and delay its use in time of need, there is no possibility of its getting out of order.

Can be instantly operated by **any person**, however strange they may be to the machine, and there are no complicated instructions to read before using; all you have to do is merely

TURN THE MACHINE UPSIDE DOWN,

when instantly you get a **50-ft. stream of fire-destroying fluid**, the last drop going as far as the first, and as destructive to flames in oil, tar, spirits, petrol, kerosene or gasoline as in burning wood. Equal to over 100 times the same amount of water in extinguishing fire, and is far superior to

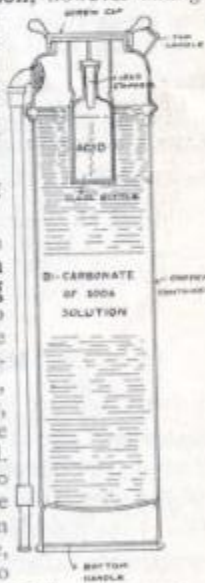
unreliable dry powder tubes or hand grenades.

The chemical stream is **not injurious** to either person, fabric, or furniture.

Cost of refilling only a few pence.

PRICE:

1 gallon, for Dwelling Houses and Small Shops	25/- each.
2 " for Shops, Factories, etc.	42/- "
3 " " " "	50/- "
5 " " " "	75/- "



Contractors to the Home, Indian, and Colonial Governments.

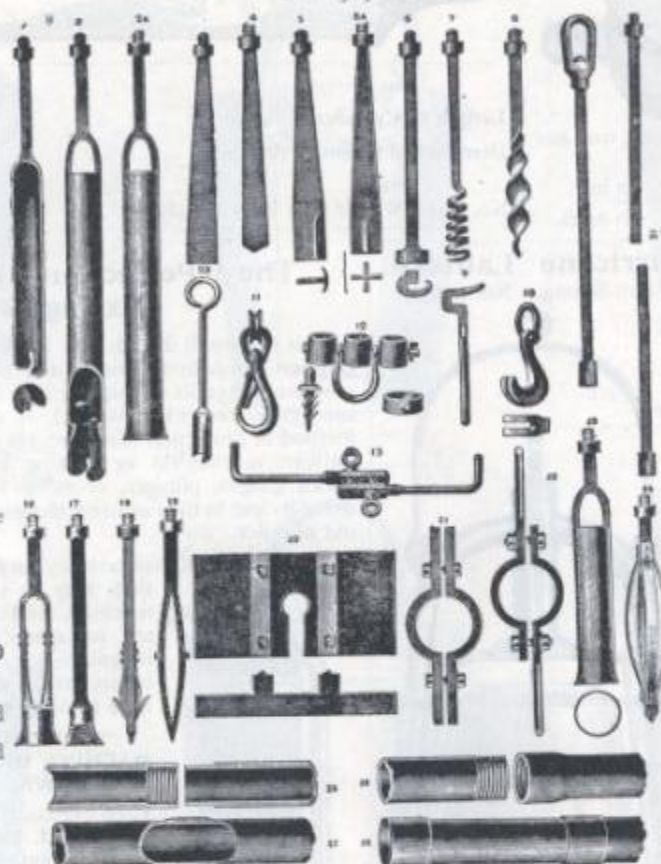
Earth and Well Boring Tools.

Small Sets of Trial Boring Tools for a depth of 30 feet.

No. 1907W.

ESTIMATE No. 1.

One 2 in. Clay Auger.
One 2 in. Shoe-nose Shell
One 2 in. Flat Chisel.
One 2 in. Worm Auger.
One pair of Tillers.
One Lifting Dog.
Two Hand Dogs.
One Short Swivel Rod.
Five 5 ft. \times $\frac{3}{4}$ in. Square Boring Rods.
One Spring Hook.
Price ... £11 : 5 : 0
Extra 5 ft. lengths of Rod for Boring to increased depth, 12/6 each.



ESTIMATE No. 1a.

One 3½ in. Clay Auger.
One 3 in. Shoe-nose Shell.
One 3½ in. Flat Chisel.
One 3 in. Worm Auger.
One pair of Tillers.
One Spring Hook.
Two Hand Dogs.
Two Lifting Dogs.
Five 5 ft. \times 1 in. Square Boring Rods.
One Short Swivel Rod.
Price ... £15
If 2½ in. Tools instead of 3 in., Price £14 : 12 : 6
Extra 5 ft. lengths of Rod for Boring to increased depth, 15/6 each.

No. 1908W.

Pipes for Protecting Borehole or Keeping out Water.

External Diameter	...	inches	2	2½	3	3½	4	4½	5	5½	6	7	8	9	10	11	12
Brazed and Collared Pipes, per foot	1/10	2/3	2/7	2/10	3/-	3/2	3/4	3/10	4/4	5/-	6/-	7/-	8/-	9/6	11/-		
Riveted and Collared Pipes	"	1/4	1/7	1/10	2/-	2/2	2/4	2/6	2/10	3/4	4/-	4/8	5/4	6/-	7/-	8/-	
Swelled Jointed Screwed Pipes	"	1/-	1/3	1/6	1/9	2/-	2/3	2/9	3/3	3/9	5/4	—	—	—	—	—	
Flush Jointed Screwed Pipes	"	1/7	2/-	2/4	2/8	3/3	3/9	4/6	5/1	5/8	7/-	9/4	10/-	13/6	18/-	23/-	
Steel Driving Collars & Shoes, set	10/-	10/6	13/-	16/6	20/6	25/-	29/6	34/-	38/6	44/6	50/-	60/-	75/-	95/-	120/-		

Tools for jointing and lowering pipes, such as Heating Tongs, Clamps, Lowering Tees, Spring Darts, etc. Prices according to size.

Cast-iron Well Bore Pipes with Turned Ends. Wrought-iron Collars and Countersunk Screws. Cast-iron Well Cylinders. Carriage forward.

This section of our Catalogue contains the leading lines in Woodworkers' Tools, Machines and Accessories. Other sections embracing Engineers' Tools, Machinery and Appliances, Electrical Goods, Motor Tools, Horticultural and Estate Agents' Tools, Builders' and Furnishing Ironmongery, etc., etc., will be posted on application.

Bronze Medal, 1884.—Gold Medal, 1890.

Earth and Well Boring Tools.

For a Set of Boring Tools for 50 ft.

Estimate No. 2.

One 3½ in. and 2½ in. Clay Augers.
 One 3 in. and 2 in. Shoe-nose Shells, with Valve.
 One 3½ in. and 2½ in. Flat Chisels.
 One 3½ in. and 2½ in. T Chisels.
 One Worm Auger.
 Ten 5 ft. lengths 1 in. square Boring Rods.
 One pair of Tillers. Two Hand Dogs.
 Two Lifting Dogs. One Snatch Block.
 One Spring Hook and 30 ft. of Rope.
 One Short Swivel Rod.
 One Auger Board. One Auger Clearer.

Price £26 : 15 : 0.

Extra 5 ft. lengths of Rod for Boring to increased depth, 15/6 each.

If the 2½ in. Tools are omitted, deduct from Estimate £4 : 15 : 0.

Extra for one set of Iron Tubular Shear Legs with Windlass, £12.

For a Set of Boring Tools for 200 ft. or upwards.

Estimate No. 4.

One each 5½ in., 4½ in., and 3½ in. Clay Augers.
 " 5 in., 4 in., and 3 in. Shoe-nose Shells.
 " 5 in., 4 in., and 3 in. Auger-nose Shells.
 " 5½ in., 4½ in., and 3½ in. Flat Chisels.
 " 5½ in., 4½ in., and 3½ in. T Chisels.
 One Worm Auger. One Bell Screw.
 Two Lifting Dogs. Two Hand Dogs.
 One pair of Tillers. One Snatch Block.
 Twenty 10 ft. lengths 1½ in. Boring Rods.
 One Short Swivel Rod.
 One Spring Hook, with 30 ft. of Rope.
 One Auger Board. One Auger Clearer.

Price £65 : 10 : 0

Extra for a Set of Ironwork for Shear Legs, £2.

Extra for a best Iron-bound Well-sinker's Windlass, complete, £12.

Extra for a set of Iron Tubular Shear Legs, with gearing No. 35, instead of Set of Ironwork for Shear Legs and Well-sinker's Windlass, £22 : 10 : 0.

If required to bore beyond this depth, add for each 10 ft. length of 1½ in. Rod, with coupling screw, £1 : 2 : 6.

A spare set of Bottom Tools, consisting of one Auger, one T and one Flat Chisel of each size, and also three spare Male Screws, in case of breakage, will cost £13 : 15 : 0.

If Auger-nose Shells are omitted, deduct £7 : 15 : 0.

If 3½ in. Tools are omitted, deduct £8.

For a Set of Boring Tools for 100 ft. or upwards.

Estimate No. 3.

One each 4½ in. and 3½ in. Clay Augers.
 " 4 in. and 3 in. Shoe-nose Shells.
 " 4 in. and 3 in. Auger-nose Shells.
 " 4½ in. and 3½ in. Flat Chisels.
 " 4½ in. 3½ in. T Chisels.
 One Worm Auger. One Bell Screw.
 Two Lifting Dogs. Two Hand Dogs.
 One pair of Tillers. One Snatch Block.
 Ten 10 ft. lengths 1 in. Boring Rods.
 One Short Swivel Rod.
 One Spring Hook, with 30 ft. of Rope.
 One Auger Board. One Auger Clearer.

Price £37.

Extra for a Set of Ironwork for Shear Legs, £2.

Extra for a best Iron-bound Well-sinker's Windlass, complete, £12.

Extra for a Set of Iron Tubular Shear Legs, instead of Set of Ironwork for Shear Legs and Well-sinker's Windlass, £12.

If required to bore beyond 100 ft., add for each 10 ft. length of 1 in. square Boring Rod, 17/6.

If Auger-nose Shells are omitted, deduct £4 : 15 : 0.

If 3½ in. Tools are omitted, deduct £7 : 10 : 0.

If 4½ in. Tools are omitted, deduct £8 : 15 : 0.

For a Set of Boring Tools for 300 ft. or upwards.

Estimate No. 5.

One each 6½ in., 5½ in., and 4½ in. Augers.
 " 6 in., 5 in., and 4 in. Shoe-nose Shells.
 " 6 in., 5 in., and 4 in. Auger-nose Shells.
 " 6½ in., 5½ in., and 4½ in. Flat Chisels.
 " 6½ in., 5½ in., and 4½ in. T Chisels.
 Two each 6½ in., 5½ in., and 4½ in. T Chisels.
 One Worm Auger. One Crow's Foot.
 Two Lifting Dogs. Two Hand Dogs.
 One pair of Tillers. One Snatch Block.
 One Short Swivel Rod. One Bell Box.
 One Spring Hook, with 30 ft. of Rope.
 Thirty 10 ft. Lengths of 1½ in. Rods.
 One Auger Board. One Auger Clearer.

Price £90.

Extra for a Set of Ironwork for Shear Legs, £2.

Extra for a Double-gear, extra strong, best Iron-bound Well-sinker's Windlass, complete, £24.

Extra for a set of Iron Tubular Shear Legs, with gearing, instead of a Set of Ironwork for Shear Legs and Well-sinker's Windlass, £22 : 10 : 0.

Extra if fitted with Fast and Loose Pulleys, £6 : 10 : 0.

If required to bore beyond this depth, add for each 10 ft. length of 1½ in. Rod, with Coupling Screws, £1 : 2 : 6.

A spare set of Bottom Tools, consisting of one Auger, one T, and one Flat Chisel of each size, and also six spare Male Screws, in case of breakage, will cost £18 : 10 : 0.

If Auger-nose Shells are omitted, deduct £9.

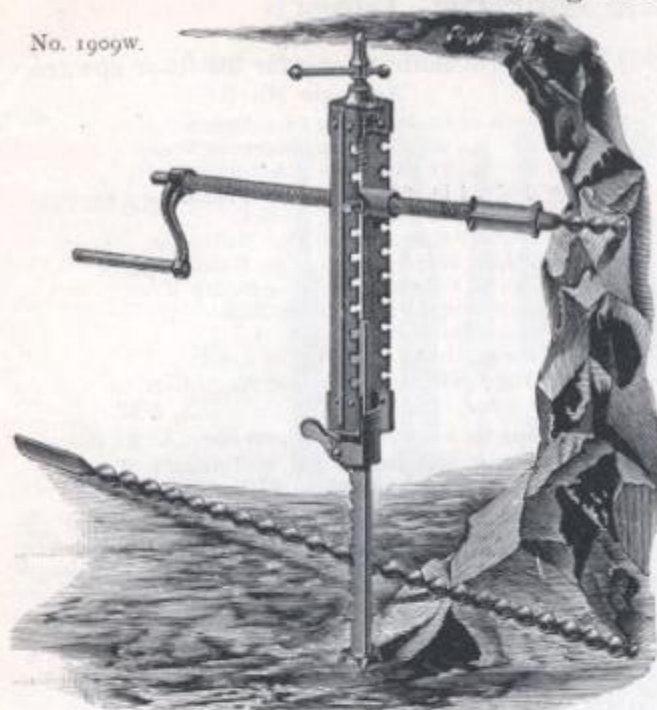
Carriage Forward.

Estimates for sets of Earth and Well Boring Tools for depths up to 1,000 ft. or more sent on receipt of specification.

Tool, Machine, and Hardware Merchants and Manufacturers.

Boring Machines.

No. 1909W.



Price £1 : 17 : 6 (complete with 4 Drills, two each 19 in., and 38 in. long).

Height closed with Short leg, 2 ft. 8 in.

" extended " " 4 " 4 "

" closed " Long " 2 " 8 "

" extended " " 5 " 11 "

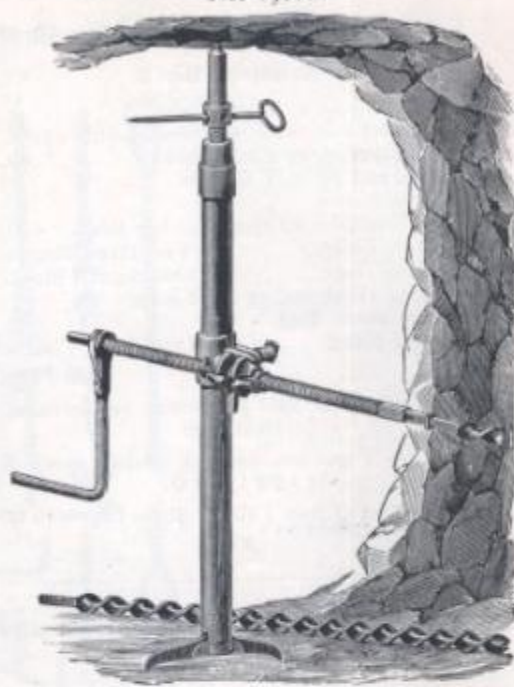
Approximate Total Weight, 45 lb.

If with Ratchet Handle instead of Plain Handle, 4/6 extra.

A Light Handy Machine for boring Coal and Bind.

Carriage Forward.

No. 1910W.



A most effective machine for Coal and moderately Hard Stone at a price well within the reach of miners and others.

Height 4½ ft. closed and 5 ft. extended.

Approximate Total Weight, 60 lb.

Price, with 3 Drills (one each 18 in., 36 in., and 54 in. long), £3 : 10 : 0

Extra Lengths of Standard, 5/6 per foot.

Also supplied with Telescopic Standard to extend to almost any length required. 16/6 extra.

Cast Steel Double Face Sledge Hammers. No. 1911W.



4 to 12 lb., -/5 per lb.

Cross Pane Hammers same price.

Handles for same, 6/- per doz.

Cast Steel Stone Breakers' Hammers.



No. 1913W.

1½ to 3 lb., -/5 per lb.

Handles for the above, 36 in., price 2/- per doz.

Cast Iron Stob Mallets.

No. 1912W.



Weights, 7 lb., 1/3 each.

" 14 " 2/3 "

Comparison will show that our Quotations for High-Grade Tools are as low as, and frequently lower, than the prices asked by other houses for inferior goods.

RICHARD MELHUISH, LTD.

Brass Rollers for Concrete Pavement.



No. 1914W.

Pyramid Roller.

7 in. long.

4 in. diameter.

Price 35/-



No. 1915W.

Jointer Roller.

2½ in. long.

Price 5/6

Orders of 20/- and upwards Carriage Paid (with few exceptions).

Ratchet Boring Machine for Rock.

No. 1916W.

Very handy Machines, strongly made and well fitted. Will penetrate any stone that it is possible for a Hand Rotary Drill to bore. Thousands in use. Low price. No pitman should be without them.

PRICES:

			Approximate Total Weight.
No. 1	Type, strong ...	£2 : 10 : 0	47 lb.
" 2 "	with Elliott's Automatic Feed Motion ...	2 : 15 : 0	49 "
" 1 "	with Stainer's Split Nut "A," for quick withdrawal of drills ...	2 : 19 : 6	50 "
" 2 "	with Elliott's Automatic Feed Motion ...	3 : 5 : 0	54 "
" 3 "	Scotch Pattern ...	1 : 15 : 0	42 "
" 4 "	Do., special light ...	1 : 10 : 0	36 "
All with 3 Drills, 18 in., 30 in., 42 in. long.			

RICHARD MELHUISH, LTD., wish to point out to Mining Engineers, Colliery Managers, Contractors, and Agriculturists that they lay themselves out specially for supplying all descriptions of Mining, Contractors' and Agricultural Tools and Plant. Good Workmanship and Efficiency of every article guaranteed.

Important to those Ordering through Shippers.—In order to ensure entire satisfaction, we advise our friends to be careful in giving definite instructions that the Goods shall be procured direct from our house. By these means they may be sure of receiving the pattern and quality specified in our Catalogue.

RICHARD MELHUISH, LTD., London, E.C.

Boring Machine for Rock or Coal.

No. 1917W.

The above Machine will bore any material capable of being penetrated by a Rotary Drill. The feed is perfectly automatic, and is so arranged that the screw may be instantly withdrawn to change drills. The Standard is so constructed that it can be extended from its shortest length to within about one foot of double that length.

All the parts of this Machine required to withstand strain are made of steel, thus ensuring the greatest possible strength combined with lightness. The Standards are made in four sizes, viz. 2 ft. 9 in., 3 ft. 9 in., 4 ft. 9 in., 5 ft. 9 in., when closed.

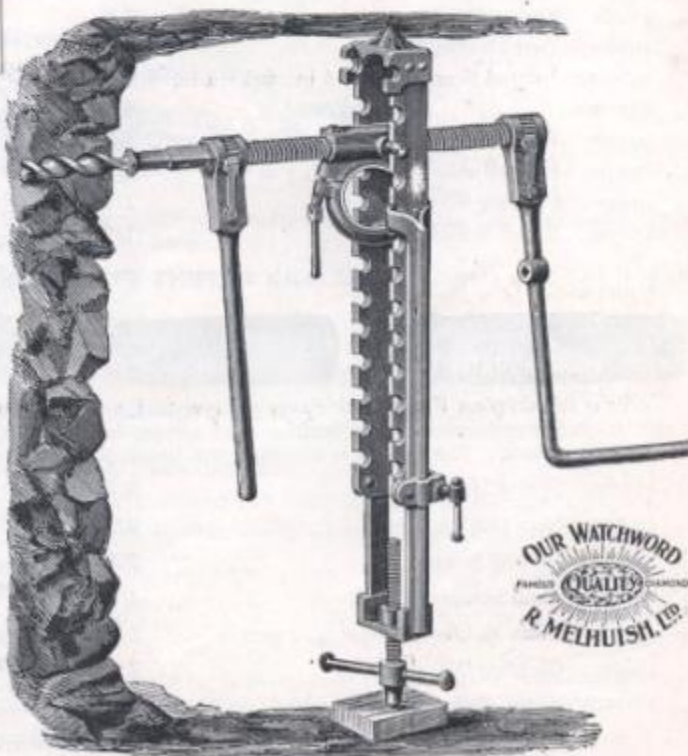
Approximate weights of Machines with 3 Drills, 18 in., 36 in., 54 in. long:

2 ft. 9 in.	3 ft. 9 in.	4 ft. 9 in.	5 ft. 9 in.
136 lb.	154 lb.	167 lb.	190 lb.

Price £9 : 10 : 0

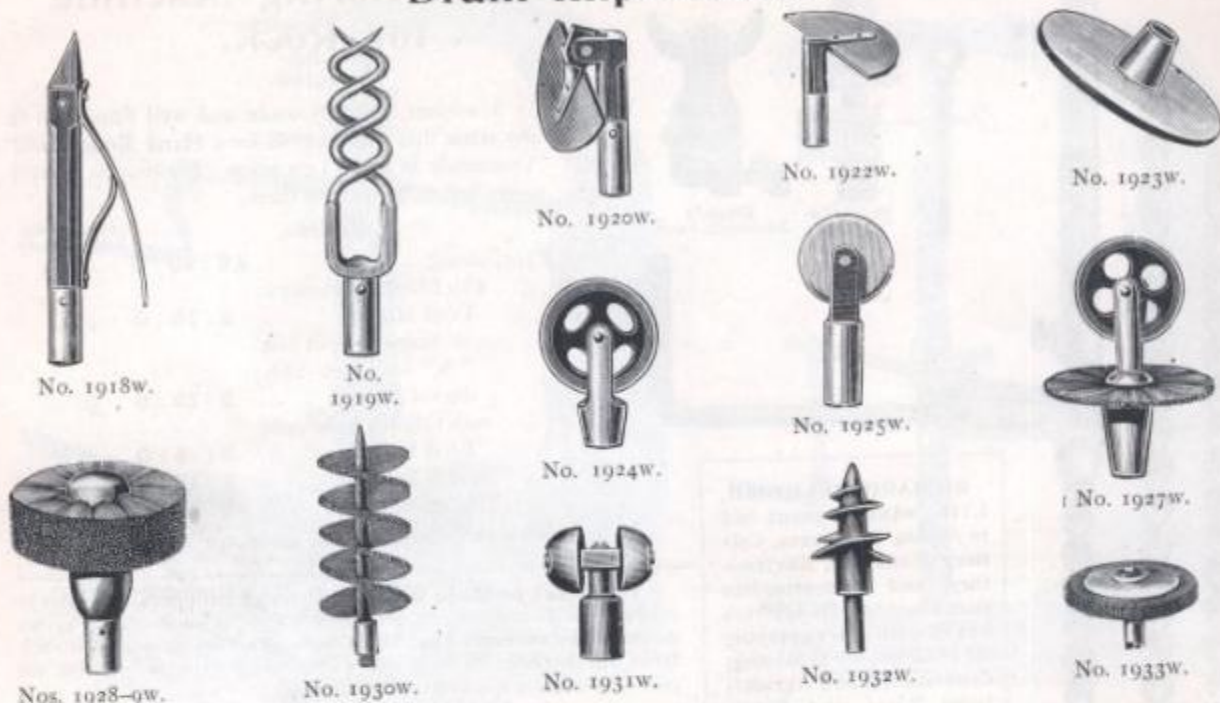
Drills are supplied of Flat, Oval, or Diamond Section, as required.

All Carriage Forward.



A large and varied Stock of Engineers' Tools and Motor Accessories.

Drain Implements.



Fitted with Ordinary Brass Screws.

No.	Description	Price	No.	Description	Price	Bass.	Whalebone.
No. 1918w.	Spring Hook	2/9	No. 1927w.	6-9 in. diam.	4/9	5/3	
" 1919w.	Best Double Worm	1/7	" 1928w.	4-6 " "	2/3	3/-	
" 1920w.	Jointed Scraper, best, 6 in., 2/1; 4 in.	1/7	" 1929w.	7-9 " "	2/9	3/3	
" 1921w.	" " Galvanized, 4 in.	1/-	" 1930w.	Steel or Brass 2 1/2 3 3 1/2 4 5 6 in.	1/9 2/- 2/3 2/6 3/- 3/3		
" 1922w.	Plain Scraper	1/6	" 1931w.	Universal Clearing Wheel	2/9		
" 1923w.	India Rubber Plunger, 4, 5 or 6 in.	2/1	" 1932w.	Archimedian Screw (Brass)	2/3		
" 1924w.	Clearing Wheel	1/7	" 1933w.	Brush Plunger, Bass	2/2		
" 1925w.	Wood Roller	1/7	" 1934w.	" " Whalebone	2/6		

Fitted with PATENT FLUSH LOCK-JOINT SCREWS.



This is the simplest Flush Lock Screw yet invented, and is invaluable for all Electrical, Telephone, and Drain Work. It can be quickly connected in any position, and cannot become unfastened in pipe, no matter in which direction the rods may be turned. The locking is accomplished by simply turning the milled end of screw side of joint.

No.	Description	Price	No.	Description	Price	Bass.	Whalebone.
No. 1935w.	Spring Hook	2/9	No. 1942w.	6-9 in. diam.	5/3	5/9	
" 1936w.	Best Double Worm	2/3	" 1943w.	4-6 " "	2/9	3/6	
" 1937w.	Jointed Scraper	2/1	" 1944w.	7-9 " "	3/3	3/9	
" 1938w.	Plain Scraper	1/9	" 1945w.	Steel or Brass 2 1/2 3 3 1/2 4 5 6 in.	2/6 2/9 2/9 3/- 3/3 3/6		
" 1939w.	India Rubber Plunger, 4, 5 or 6 in.	2/9	" 1946w.	Universal Clearing Wheel	3/6		
" 1940w.	Clearing Wheel	2/2	" 1947w.	Archimedian Screw (Brass)	3/6		
" 1941w.	Wood Roller	2/2	" 1948w.	Brush Plunger, Bass	2/9		
			" 1949w.	" " Whalebone	3/3		

Carriage Forward.

Contractors to the Home, Indian, and Colonial Governments.

Drain Cleansing Machines.

Fitted with Ordinary Brass Screws.

No. 1950W. Extra Quality.

3 ft. Red Malacca or Rattan Canes, fitted with Brass Screws; complete with Clearing Wheel, Double Worm, Cup Cap and Rubber Plunger, Drop Scraper, 4 or 6 in. Bass Brush, and pair of Straps.



30 ft. Complete	...	...	...	£1 : 9 : 6	70 ft. Complete	...	...	...	£2 : 8 : 0
40 " "	...	...	...	1 : 11 : 9	80 " "	...	...	...	2 : 13 : 6
50 " "	...	...	...	1 : 17 : 6	90 " "	...	...	...	2 : 18 : 9
60 " "	...	...	...	2 : 2 : 6	100 " "	...	...	...	3 : 4 : 6

No. 1951W. Best Quality.

(Special Galvanized Implements.)

3 ft. Red Malacca or Rattan Canes, fitted with Brass Screws; complete with Roller, Double Worm, Cup Cap and Rubber Plunger, Drop Scraper, 4 in. Bass Brush, and pair of Straps.



30 ft. Complete	...	...	...	£0 : 17 : 0	70 ft. Complete	...	...	...	£1 : 15 : 9
40 " "	...	...	...	1 : 1 : 3	80 " "	...	...	...	2 : 2 : 0
50 " "	...	...	...	1 : 7 : 0	90 " "	...	...	...	2 : 6 : 6
60 " "	...	...	...	1 : 11 : 9	100 " "	...	...	...	2 : 10 : 9

No. 1952W. Ordinary Quality.

(Special Galvanized Implements.)



3 ft. Red Malacca or Rattan Canes, fitted with Brass Screws; complete with Roller, Double Worm, Cup Cap and Rubber Plunger, and pair of Straps.

30 ft. Complete	...	...	...	£0 : 14 : 6	70 ft. Complete	...	...	...	£1 : 9 : 0
40 " "	...	...	...	0 : 17 : 6	80 " "	...	...	...	1 : 12 : 6
50 " "	...	...	...	1 : 1 : 9	90 " "	...	...	...	1 : 16 : 6
60 " "	...	...	...	1 : 5 : 0	100 " "	...	...	...	2 : 0 : 6

When ordering please say which Quality Machine is required.

All the Screws of these Rods and Appliances are interchangeable.

No. 1953W. Drain Cleansing Machines.

Fitted with Patent Flush Lock-Joint Screws as illustrated and described on opposite page.

3 ft. Red Malacca Canes, complete with Rubber Plunger, Double Worm, Clearing Wheel and Straps.

30 ft. Complete	...	...	...	£1 : 12 : 0	70 ft. Complete	...	...	...	£3 : 5 : 6
40 " "	...	...	...	1 : 16 : 8	80 " "	...	...	...	3 : 13 : 6
50 " "	...	...	...	2 : 8 : 0	90 " "	...	...	...	4 : 2 : 0
60 " "	...	...	...	2 : 18 : 6	100 " "	...	...	...	5 : 12 : 0

NOTE—We supply at same prices any of the above machines made up of Malacca or Rattan Canes in lengths of from 3½ to 4 ft. It is very often more convenient, when working in confined places, to have the canes of various lengths.

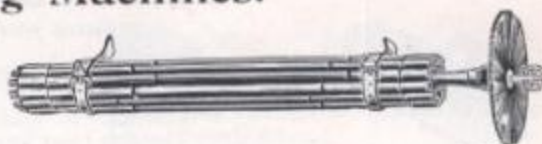
Carriage Forward.

Bronze Medal, 1884.—Gold Medal, 1890.

Chimney Sweeping Machines.

No. 1954W.

Best Quality Red Malacca Canes, in 4 ft. lengths, complete with 18 in. Whalebone Brush and Straps as Illustration.



	No. 1. Extra Quality.	No. 2. Best Quality.	No. 1. Extra Quality.	No. 2. Best Quality.
30 ft. ...	£1 : 5 : 0	£1 : 2 : 0	£2 : 6 : 6	£2 : 0 : 6
40 " ...	£1 : 8 : 4	£1 : 5 : 9	£2 : 9 : 4	£2 : 6 : 6
50 " ...	£1 : 15 : 0	£1 : 11 : 9	£2 : 14 : 0	£2 : 10 : 0
60 " ...	£1 : 19 : 0	£1 : 15 : 3	£2 : 19 : 6	£2 : 14 : 0

The "Shaft" Chimney Sweeping Machine.

No. 1955W.

This Machine is used without Rod. It consists of a Whalebone or Bass Brush with a rope attachment top and bottom. A heavy Iron Ball is fastened to the lower rope and dropped down the chimney, and the brush can then be drawn up and down as required.



PRICES FOR BRUSHES:

Size	Whalebone	each	Bass	each
6 to 9 in.	...	4/-	...	4/-
10 " 15 "	...	5/5	...	4/9
16 " 18 "	...	7/6	...	5/5
20 " 22 "	...	12/2	...	6/6

Iron Ball for use with same, 1/-

Turk's Head.

Mounted in Wood with Screws to Fit Canes.

No. 1956W.

	6 in.	8 in.	10 in.
Bristle ...	each 6/9	8/9	10/9
Bass ...	4/-	4/9	5/6

Fitted with Patent Lock Joint Screw, -/6 extra.



The "Combined" Chimney Sweeping and Drain Cleansing Set.

For use in Private Mansions, Hospitals, etc.

Comprising Best Malacca Canes in 3 ft. lengths, with 16 in. Bass Head, Cloth, Shovel, Hand Brush, Double Worm Screw, Cup and Cap, Rubber Plunger, and Scraper, and contained in neat Wood Box.

No. 1957W.



	30 ft.	40 "	50 "	60 "	70 ft.	80 "	90 "	100 "
...	£2 : 9 : 6	£2 : 16 : 9	£3 : 0 : 9	£3 : 7 : 6	£3 : 14 : 6	£4 : 1 : 0	£4 : 7 : 9	£4 : 14 : 6

Carriage Forward.

NOTE.—This section of our Catalogue contains the leading lines in Woodworkers' Tools, Machines, and Accessories. Other sections embracing a great variety of Engineers' Tools, Machines, and Appliances, Electrical Goods, Motor Tools, Horticultural and Estate Agents' Requirements, Builders' and Furnishing Ironmongery, etc. etc., will be sent per post on application.

Tool, Machine, and Hardware Merchants and Manufacturers.



General Purpose Truck.

No. 1967W.
Wood Varnished.

4 ft. 3 in.
high.

10 in. wheels.

Price:
£1 : 7 : 6
each.

India Rubber
Tyres,
14/- extra.

Dock Trucks.

With Patent Axle Bearings.

No. 1968W.

No. 1. 4 ft. 6 in. high, 22 in. wide at top, 16 in. at bottom, 10 in. solid wheels, axle 1½ in. round, foot iron 7 in. high.

Price ... £2 : 0 : 0

If Woodwork is Varnished, 2/- extra.

Bale Truck.

No. 1969W.



3 ft. 6 in. long, 1 ft. 10 in. wide, 8 in. wide.

Price ... £1 : 5 : 0

No. 1.



No. 2. Sides
5 ft. 6 in. long,
2 in. thick,
22 in. wide at
top, 16 in. at
bottom, foot
iron 6 in. high,
heavy spoked
wheels 12 in.
by 2½ in., 1½ in.
bore.

Price:
£3 : 0 : 0
If Woodwork
is Varnished,
2/- extra.

Capable of Carrying from
5 to 20 cwt. Larger
and Stronger Trolleys
Made to Order.



No.
1970W.

Warehouse Trolley.

Four-wheel Trolley with Iron Handles and Front
Wheels to turn underneath.

No. 1. 2 ft. x 1 ft. 6 in. ... £2 : 5 : 0
" 2. 3 ft. x 2 ft. ... 2 : 15 : 0
" 3. 4 ft. x 2 ft. 6 in. ... 3 : 10 : 0
" 4. 5 ft. x 3 ft. ... 4 : 5 : 0
" 5. 6 ft. x 4 ft. ... 5 : 10 : 0

India Rubber Tyres—No. 1, 15/-; No. 2, 17/6;
No. 3, £1 : 2 : 0; No. 4, £1 : 6 : 0; No. 5,
£1 : 8 : 0

Constructed of hardwood, framing fitted with
wrought iron corner plates and solid wheels.
Woodwork varnished, Ironwork blacked.

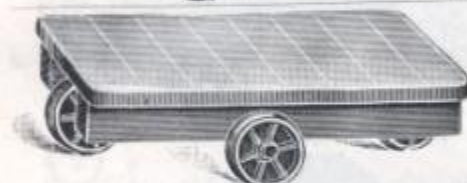
Roll Truck. No. 1971W.



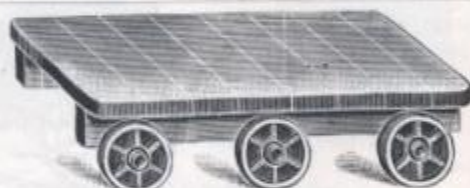
Price.

No. A. 33 in. x 20 in. 5 in. wheels £1 : 15 : 0

" B. With 2 centre balance
wheels and 1 wheel at
each end ... 1 : 12 : 6

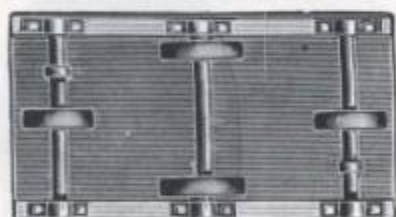


Revolving Trucks.



Four
Wheels for
Moderate
Loads.

No. 1972W.



Six
Wheels
for Heavy
Loads.

No. 1973W.



No.	Size.	Height.	Price.	Thick half-round Rubber Tyres, vulcanized on. Each Wheel.
A	24 x 16	8	0 : 18 : 6	4/-
B	30 x 20	9	1 : 2 : 6	5/6
C	36 x 24	9	1 : 10 : 0	5/6
D	42 x 24	9	1 : 17 : 6	5/6
E	48 x 26	10	2 : 4 : 6	6/-
F	54 x 30	12	2 : 17 : 6	7/6
G	60 x 36	14	3 : 12 : 6	10/-
H	72 x 36	14	4 : 7 : 6	10/-

No.	Size.	Height.	Price.	Thick half-round Rubber Tyres, vulcanized on. Each Wheel.
I	24 x 16	8	1 : 3 : 0	4/-
J	30 x 20	9	1 : 8 : 0	5/6
K	36 x 24	9	1 : 17 : 0	5/6
L	42 x 24	9	2 : 8 : 0	5/6
M	48 x 26	10	2 : 17 : 0	6/-
N	54 x 30	12	3 : 12 : 6	7/6
O	60 x 36	14	4 : 12 : 6	10/-
P	72 x 36	14	5 : 0 : 0	10/-

CARRIAGE FORWARD.

A large and varied Stock of Engineers' Tools and Motor Accessories.

London Pattern Sack Truck.

No. 1974w.

Nos. 1 and 2.



With
Patent Axle
Bearings.

No. 3.



These Trucks are made with Hardwood Frames; straight sides and strong cross-bars, slightly curved on the tops; the Shoe is solid forged iron; the Wheels are strong solid-webbed; the Axles are inch round and revolve in PATENT Bearings, which lessen friction and draught, and considerably reduce the wear. The Woodwork is unvarnished, and the Ironwork painted black.

	Height.	Wheels.	Foot Iron.	Price.
No. 1.	3 ft. 3 in.	6 in.	4 in. high	13/-
" 2.	3 " 6 "	7 " 5 "	" " "	15/-
" 3.	3 " 8 "	8 " 6 "	" " "	17/-
" 4.	4 " 0 "	9 " 7 "	" bolt under top rail	20/-
" 5.	4 " 3 "	9 " 8 "	" " "	23/6
" 6.	4 " 6 "	10 " 9 "	" " "	27/6

EXTRAS.

Woodwork varnished, 1/- each; round iron feet under top rail, Nos. 1, 2, 3, 1/9 each; Nos. 4, 5, 6, 3/- each.

India Rubber Tyres (vulcanized on):—No. 1, 7/6; 2, 8/6; 3, 10/-; 4 and 5, 12/-; 6, 14/- each.

Dock Truck.

With Patent Axle Bearings.

No. 1. 4 ft. 6 in. high, 22 in. wide at top, 16 in. at bottom, 10 in. solid wheels, axle 1 1/4 in. round, foot iron 7 in. high.

Price ... £2 : 5 : 0

If woodwork is varnished, 3/- extra.

No. 2. Sides 5 ft. 6 in. long, 2 in. thick, 22 in. wide at top, 16 in. at bottom, foot iron 6 in. high, heavyspoked wheels 12 in. x 2 1/2 in., 1 1/4 in. bore.

Price ... £3 : 5 : 0

If woodwork is varnished, 3/- extra.



No. 1977w.

Curved Bar Truck.

No. 1975w.

These Trucks are made of well-seasoned hardwood, stained and varnished. The sides are slightly curved, and the wrought foot iron has round or square front (round sent unless square ordered). The Wheels are solid and have long bearings for axles.

No.	Height.	Wheels.	Foot Iron.	Price.
1	3 ft. 6 in.	7 in.	4 in.	14/-
2	3 " 8 "	8 "	5 "	15/6
3	4 " 0 "	9 "	6 "	18/-
4	4 " 2 "	10 "	6 "	21/-



Extras.—Bolt under top rail, -/6; round iron feet under top rail, No. 1 and 2, 1/9; No. 3 and 4, 2/9; wrought iron hoops on wheels, 2/-; No. 4, 3/-.

India Rubber Tyres (vulcanized on):—No. 1, 9/-; No. 2, 10/-; No. 3, 11/6; No. 4, 14/-.

New Pattern Truck.

(Varnished.)

No. 1976w.

Wheels run underneath and inside Frames as shown.



No.	Height.	Price.	Rubber Tyres Extra.
1	3 ft. 6 in.	16/6	10/-
2	3 " 8 "	17/6	10/-
3	4 " 0 "	19/6	10/-
4	4 " 2 "	23/6	15/-

Warehouse Trucks.

No. 1978w.

Strongly made and full strapped, woodwork is varnished, and wheels are fitted with Patent Axle Bearings.

No.	Height.	Foot Iron.	Wheels.	Price.
3	4 ft. 4 in.	9 in.	10 in.	£1 : 15 : 0
4	4 " 6 "	12 "	10 "	1 : 16 : 6
5	4 " 8 "	12 "	12 "	1 : 19 : 6

India Rubber Tyres:—

No. 3, 15/-; No. 4, 14/-; No. 5, 17/6 extra.

Contractors to the Home, Indian, and Colonial Governments.

Wood Boring Machine.

No. 1979W.

The frame is made of half-inch round steel rods; the braces are the same, and attached to the rods at the top by a set screw. When this set screw is loosened, the frame falls over so as to bore at any desired angle.

The depth of hole to be bored is fixed by a stop, as seen on the left-hand upright rod in the cut. When the frame strikes this top, lift the latch, and the machine throws itself into gear by the use of a spring, and the Auger is lifted out of the hole by continuing to turn the crank in the same direction.

When the Auger is drawn from the hole, the frame hangs itself up until the machine is moved to the next hole; then it is dropped down by turning the crank back until the Auger strikes the wood, when it is thrown out of gear, and proceeds to bore the next hole. As seen in the cut, the machine has adjustable cranks, which fully regulate its speed and power.

PRICE

Machine, without Augers £1 : 15 : 0



Universal Adjustable Angular Machine.

No. 1980W.

Price £1 : 0 : 0

Plain Machine,
with Fixed Uprights.

Price 18/- each.

Set of 6 Augers,
 $\frac{1}{2}$ to $1\frac{1}{2}$ in.

Price 14/-

Boring Machine Augers.

For the above Machines.

No. 1981W.



$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{7}{8}$	1 in.
2/-	2/-	2/-	2/-	2/3 each.
$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2 in.
2/6	2/9	3/3	3/9	4/6 each.

Machine Augers.

With Turned Parallel Shanks.

No. 1982W.

RIGHT HAND.

$\frac{1}{2}$ $\frac{3}{8}$ $\frac{1}{2}$ $\frac{7}{8}$ in.
35/- 35/- 36/- 36/- per doz.

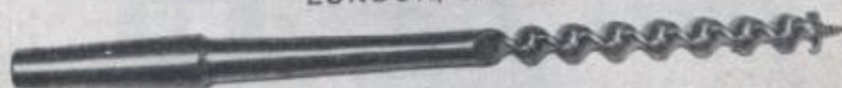
$\frac{1}{2}$ $\frac{3}{8}$ 1 in.
37/- 40/- 43/- per doz.

Special Quotations given
for all kinds of Machine
Augers.



R. Melhuish Sons & Co

84, 85, 87, Fetter Lane,
LONDON, E.C.



Bronze Medal, 1884.—Gold Medal, 1890.



Small Saw Bench.

For fixing on Wood Bench.

No. 1983w.

With 9 in. Saw it will cut $2\frac{1}{2}$ in. deep, and
with 13 in. Saw $4\frac{3}{4}$ in. deep.

Price, with 9 in. Saw ... £6 : 6 : 6

Lathe Saw Table.

No. 1984w.

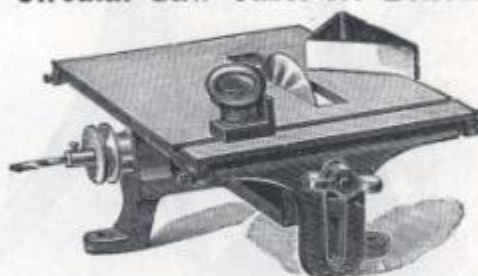


With Planed Iron Top, 12×9 in., fitted
with Square and Mitre Guides, Steel Spindle,
and 5 in. Circular Saw, to suit $3\frac{1}{2}$ to 5 in.
Centre Lathes.

Price ... 36/6 each.



Circular Saw Table for Bench.



No. 1985w.

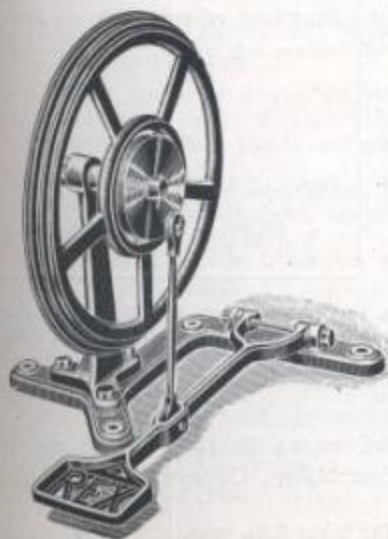
With Guides for straight work and mitreing. It may be driven by any
convenient treadle, motor, or by power.

Price, complete with 5 in. Saw ... 37/6

Size of top, 12×9 in.

For suitable Driving Wheels, see below.

Treadle Driving Wheels.



No. 1986w.

Diam. of Wheel.	Price.
$14\frac{1}{2}$ in. ...	25/-
20 " ...	30/-
23 " ...	35/-



No. 1987w.

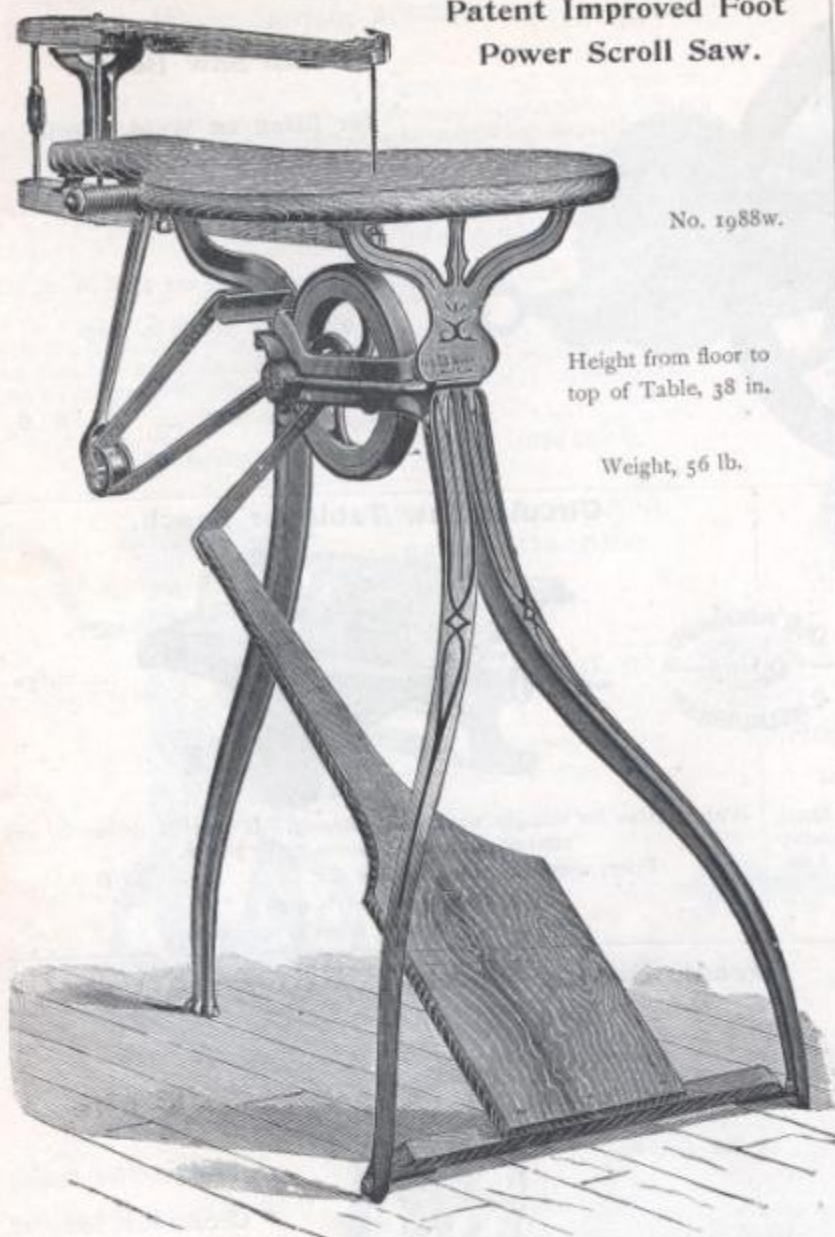
Suitable for driving
Circular Saw, Lathe, or
small Machine. Well
finished, 18 in. diameter,
weight 60 lb. complete.

Price ... 29/-

Carriage Forward.

Tool, Machine, and Hardware Merchants and Manufacturers.

**Patent Improved Foot
Power Scroll Saw.**

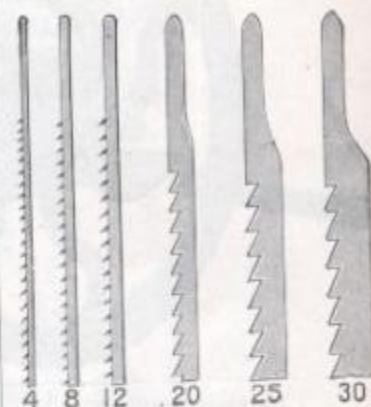


No. 1988w.

Height from floor to
top of Table, 38 in.

Weight, 56 lb.

**The Victoria Saw
Blades.**



8 in. long for machines.

No. 1989w.

These Saw Blades are of superior
quality, temper, and finish.

Nos. 4, 8, and 12 are tempered
for cutting in wood, bone, shell, and
soft metals; and Nos. 20, 25, and
30 for cutting in woods. The
latter have relieved back, set teeth,
and can be filed.

PRICES:

Nos. 4, 8, and 12 ... 1/- per doz.
" 20, 25, " 30 ... 2/- " "

This is a very powerful Saw, starting instantly the treadle is pressed down, very easy motion, and with reasonable practice will cut Pine Wood 3 in. thick, at the rate of 1 ft. per minute, or Walnut, 1 in. thick, 2 ft. per minute; other woods and thicknesses in proportion.

The space under the arm from the Saw is 24 in., and the Saws are 7 in. long. The Table and Arms are of Hard Maple, and the Frame is cast iron, strong, yet light.

The Balance Wheel runs on a steel arbor.

We include one dozen Saws with each Machine.

This Machine is designed for practical service in the workshops of Cabinet Makers, Carpenters, and Builders, and other workers in wood.

Price £3 : 5 : 0 complete, Packed safely in Case. Machine takes 8 in. saws.

Carriage Forward.

Orders of 20/- and upwards Carriage Paid (with few exceptions).



No. 1990W.

The "Improved" Scroll Saw, for Foot or Power.

A thoroughly practical, strong and durable machine, designed for carpenters, builders, cabinet makers, and general workshop use. It will cut up to 3 in. thick and swing 24 in.

The arms have an almost straight up-and-down motion and are arranged to use regularly 8 in. saw blades, but can be easily adjusted to use 5 in. blades for light work.

The iron tilting table, turned true and polished, can be changed to any angle for sawing inlaid work.

The adjustable upright Drilling arrangement is provided with an improved Drill Chuck, which holds from 0 to $\frac{3}{8}$ in. Twist Drills.

The 24 in. Driving Wheel, fitted with a $\frac{1}{2}$ in. V Belt, whereby great efficiency without slipping or lost motion is obtained, is worked by a double-foot treadle having a walking motion, by which much greater power can be obtained with less fatigue than by any other kind in use.

Average speed, 800 strokes per minute. Height from floor to top of table, 40 in. Weight 165 lb.

Price complete as shown, with 1 doz. assorted Saw Blades, Twist Drill and Wrench ...	£6 : 17 : 6
Without Drilling Arrangement...	5 : 17 : 6
Fast and Loose Pulleys for power ...	1 : 5 : 0

The "Victoria" Lathe.

The "Victoria" Lathe Attachment can be attached to this Machine in the same manner as the Table.

Price ...	£2 : 7 : 6
-----------	------------



The "Victoria" Scroll Saw.

For Foot or Power.

A machine of large capacity, suitable for close and very accurate work. It will cut with the greatest precision up to 3 in. thick, and has a 24 in. swing.

It has an adjustable tension in connection with the upper spindle, which may be varied to suit the operator, using regularly 8 in. saw blades, but can be adjusted to use 5 in. blades for fine work if desired.

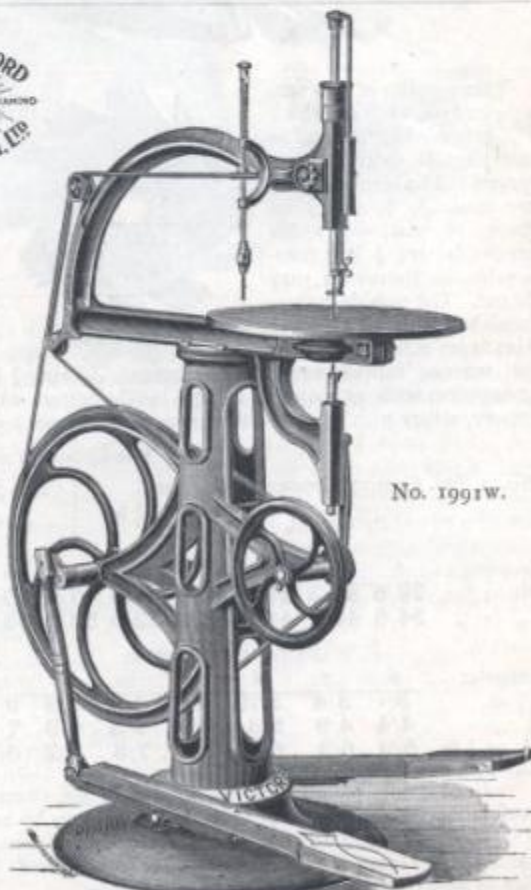
The iron tilting table is 16 inches in diameter, and can be changed to any angle for sawing inlaid work; the table and all finished parts are nickel-plated.

The Driving Wheel with V Belt, the Drilling Attachment, and the Double Foot Treadle are the same as in the "Improved" Scroll Saw described above.

Average speed, 800 strokes per minute. Height from floor to top of table, 40 in. Weight complete, 230 lb.

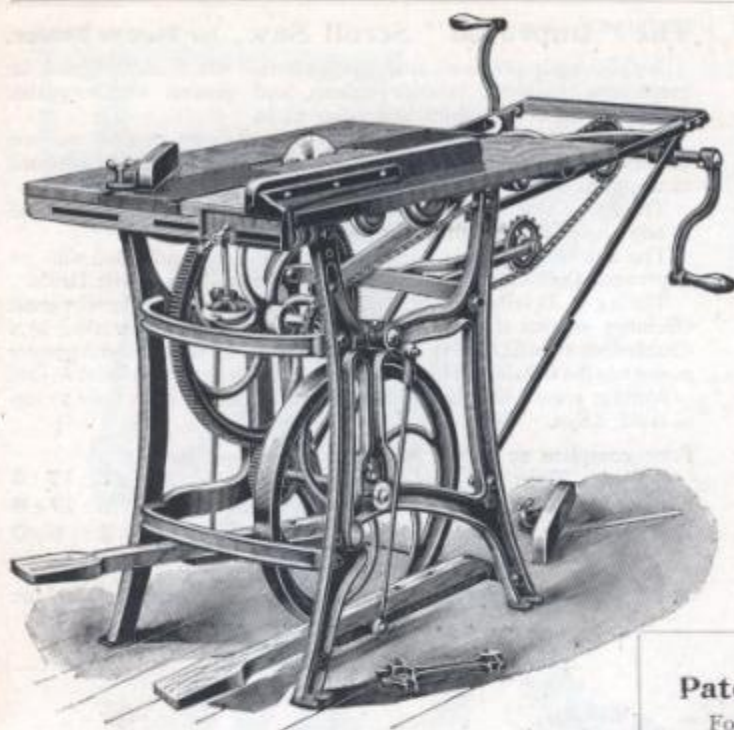
Complete, as shown, with 1 doz. 8 in. assorted Saw Blades, Twist Drill, and Wrench ...	£8 : 17 : 6
No. 1991W. Without Drilling Attachment ...	7 : 17 : 6
For Power only, arranged to fasten to a work bench, with Fast and Loose Pulleys, no Drilling Attachment ...	5 : 17 : 6
Fast and Loose Pulleys, to attach to No. 1991W. Machine, 25/-extra.	

Carriage Forward. Free on Rail, London.



No. 1991W.

A large and varied Stock of Engineers' Tools and Motor Accessories.



Combination Saw.

No. 1992W.

This Machine is the same as the one shown on opposite page, but without the Self-Feed Ripping Device, Left-hand Ripping Gauge, Front Extension Roll, and other parts pertaining to same.

As Illustration, with one each 7 in. Rip and Cross-cut Saws.

£14 : 5 : 0

N.B.—This price does not include Groover Head, Boring, Moulding, or Scroll Saw Attachments.

Carriage Forward.

SHIPPING DIMENSIONS :

Length, 41 in. ; Width, 35 in. ; Depth, 32 in.

Gross Weight	520 lb.
--------------	---------

Gross weight	...	...	320 lb
Net	"	...	380 "

No. 1003W.

Patent Groover Head.

For cutting Grooves from $\frac{1}{2}$ in. to 2 in.



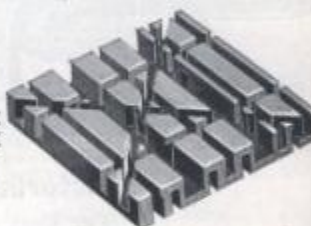
Outside Cutter



Inside Cutter.



Outside Cutter



Sample of Work, showing capabilities of this Groover Head.

This consists of two outside cutters, each of which is a groover in itself, and as many inside cutters as required. The inside cutters are made $\frac{1}{8}$, $\frac{1}{4}$, and $\frac{1}{2}$ in. thick, so that any width groove (above $\frac{1}{4}$ in.) measurable in sixteenths may be cut. The outside cutters furnished with all Groover Heads are made $\frac{1}{2}$ in. thick, but we can furnish extra connection with as many o groove, either with or across

The Groovers are arranged in Sets as follows :

No. 1 Set, Cutting Grooves $\frac{1}{4}$, $\frac{1}{4}$, $\frac{3}{8}$ in.

" 2 " " " $\frac{1}{10}$, $\frac{1}{4}$, $\frac{3}{10}$, $\frac{1}{2}$, $\frac{5}{8}$ in.

No. 3 Set, Cutting Grooves $\frac{1}{8}$, $\frac{1}{4}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, $\frac{1}{2}$, $\frac{9}{8}$, $\frac{5}{4}$, $\frac{11}{8}$, $\frac{3}{2}$ in.

" 2 " " " $\frac{1}{2}$, $\frac{1}{3}$, $\frac{2}{3}$, $\frac{1}{4}$, $\frac{5}{8}$ in. " 4 " " " $\frac{1}{2}$, $\frac{1}{3}$, $\frac{2}{3}$, $\frac{1}{4}$, $\frac{5}{8}$, $\frac{1}{2}$, $\frac{1}{3}$, $\frac{2}{3}$, $\frac{1}{4}$, $\frac{5}{8}$, $\frac{1}{2}$, $\frac{1}{3}$, $\frac{2}{3}$, $\frac{1}{4}$, $\frac{5}{8}$ in.

PRICES.

Diameter ...	6	7	8	9	10	11	12 in.
No. 1 Set,	28/6	33/3	37/-	40/9	44/9	47/6	53/- ea.
" 2 "	34/6	40/-	44/3	48/3	52/9	56/6	63/- "

Diameter ...	6	7	8	9	10	11	12 in.
No. 3 Set,	42/3	48/-	53/-	58/-	63/3	67/9	75/6 ea.
" 4 "	48/6	54/6	60/-	65/9	71/-	77/-	85/9 "

INSIDE CUTTERS.

Diameter ...	6	7	8	9	10	11	12 in.
$\frac{1}{8}$ in. ...	3/-	3/4	3/10	4/4	4/9	5/3	5/9 ea.
$\frac{3}{16}$ " ...	4/4	4/9	5/3	5/9	6/3	6/8	7/2 "
$\frac{1}{2}$ " or 1 in.	5/9	6/3	6/8	7/2	7/8	8/2	8/7 "

OUTSIDE CUTTERS.

Diameter ...	6	7	8	9	10	11	12 in.
$\frac{1}{8}$ in. ...	14/-	16/-	19/-	21/-	23/-	24/-	29/- ea.
$\frac{3}{16}$ " ...	17/-	19/-	20/-	23/-	26/-	28/-	32/- "
" ...	19/-	22/-	24/-	26/-	29/-	31/-	33/- "

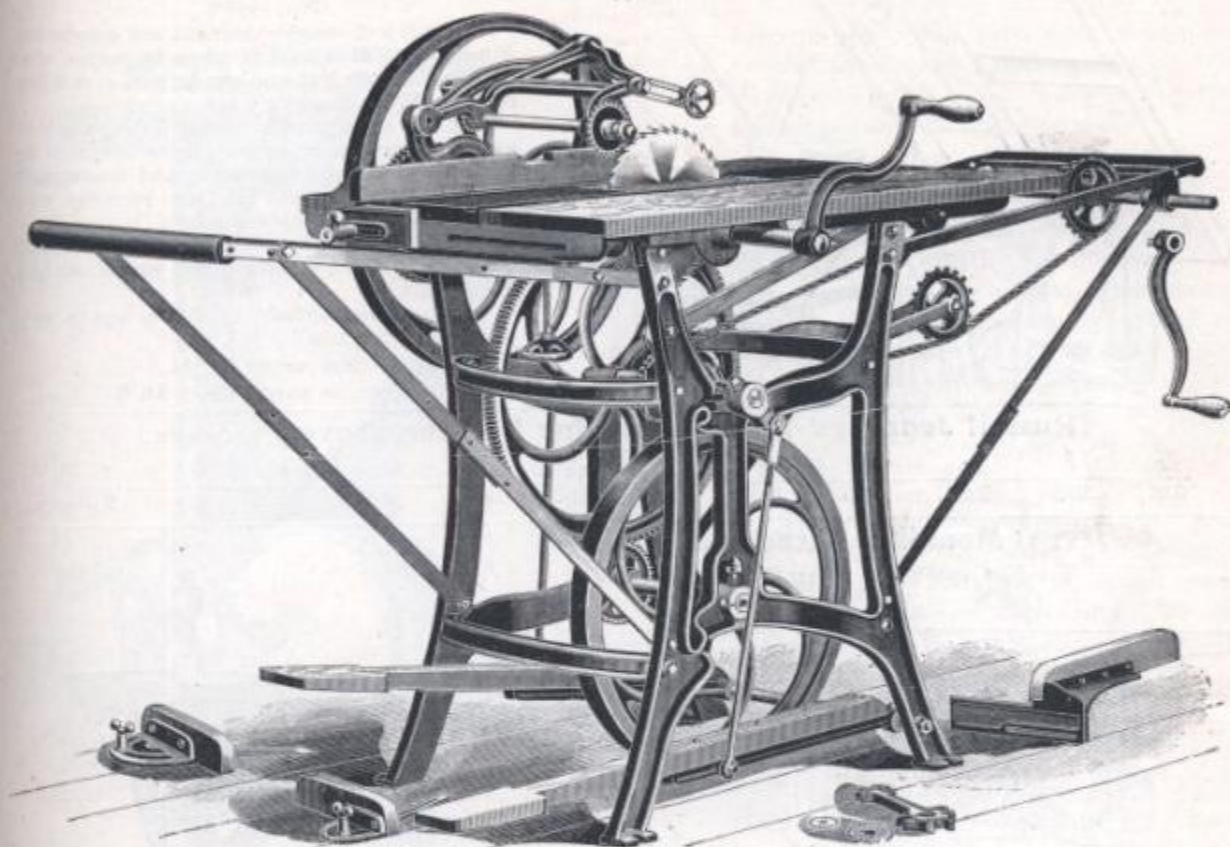
In ordering, please state the number of Set, diameter of Groover, and size of hole wanted. A wire gauge for hole is preferable. Extra Inside or Outside Cutters can be had at any time.

We can furnish any size Groover Head from 6 in. to 12 in. diameter for cutting any width groove from $\frac{1}{8}$ in. to 2 in., suitable for Heavy Power Machines, for which prices will be given on application. State diameter of Groover Head and size of hole desired. To order only.

Contractors to the Home, Indian, and Colonial Governments.

Combination Saw.

No. 1994W.



This New and Improved Combination Circular Sawing Machine with Self-feed Ripping Device, etc., is a marvel of ingenuity, convenience, and practicability. It is designed for Carpenters, Cabinet, Picture Frame, Box, and Bee Hive Makers, and woodworkers generally. It is a very strong, substantial, and thoroughly well-built Machine, suitable for various kinds of work in Ripping, Cross-Cutting, Mitreing, etc.; also with the addition of the extra attachments, Rebating, Grooving, Gaining, Dadoing, Boring, Scroll Sawing, Edge Moulding, Beading, etc. It can be easily and quickly changed from a Self-feed Ripping Machine to a Cross-cutting Machine. It has a strong, heavy, solid Iron Frame, Steel Shafts, and Babbitt-metal Lined Boxes, adjustable to take up the wear. The power is transmitted entirely by Gears and Chain Belt, thus doing away with any slipping or lost motion. All Gears are cut by Automatic Machinery and run smoothly.

The Foot Power has a walking motion, by which much greater power can be obtained with less fatigue than with any other kind in use, and it enables the operator to run the Machine with both feet, sitting, or one foot, standing, as desired.

It is provided with two Hand Powers—one for the Self-feed, ripping wood $3\frac{1}{2}$ in. thick, and the other for Cross-cutting, etc., arranged to allow the operator a natural, upright, and easy position. The Hand Power at rear of Machine leaves an entirely Free Table for Cross-cutting (any length), Dadoing, etc.

Shipping Dimensions.—Gross weight, 655 lb.; net ditto, 490 lb.; length, 41 in.; width, $35\frac{1}{2}$ in.; depth, 36 in.

Complete as Illustration, with one each 7 in. and 10 in. rip saw, and 7 in cross-cut saw. Size of Table, 28 in. wide, 36 in. long.

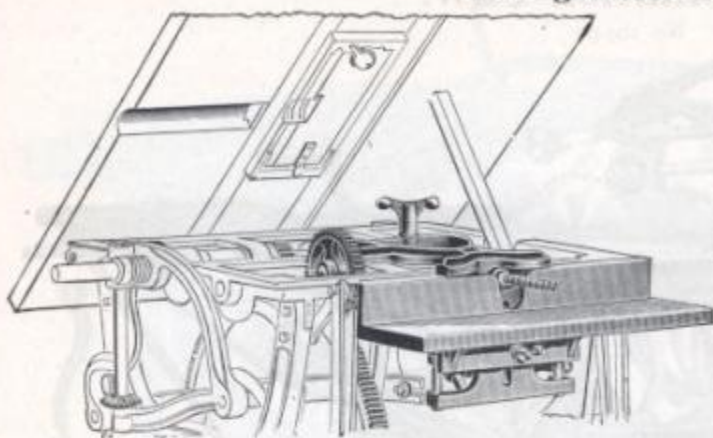
Price, packed securely in strong case £17 : 18 : 0 Free on Rail London.

For Groover Heads, also Boring, Moulding, and Scroll Saw Attachments for this Machine, see pages 262 and 264.

No. 1995W. **Power Saw Bench** only,* comprising Rising Top, 36 in. x 28 in. Standards, two 7-in. Circular Saws and Pulley. Net weight, 230 lb. Free on Rail London.

Price £9 : 17 : 6 Countershaft, 50/- extra.

Bronze Medal, 1884.—Gold Medal, 1890.

Boring Attachment

For Nos. 1992W and 1994W Combination Saws.
No. 1996W.

This is a thoroughly practical and substantial Attachment. It is held in place by means of a Bolt and Thumb Nut, and can be put on or taken off as readily as changing a saw.

It has an adjustable Sliding Table, which is so constructed as to secure perfect accuracy in the up and down Adjustments, and is arranged to slide to and from the Bit; also provided with a Stop to gauge the depth of hole.

It has a Steel Spindle arranged with Socket, which will securely hold $\frac{1}{2}$ in. round straight Shank Bits.

It is driven entirely by Gears, and is very powerful in its action.

Net weight, 38 lb.

Price, in strong Case, 48/6

Russell Jennings' Special Machine Bits for above. No. 1997W.

$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{7}{8}$	1 in.
2/3	2/3	2/3	2/10	3/3	3/8	4/-	4/3	4/7	5/-	6/-	6/-	7/-	each.

Moulding Attachment

For Nos. 1992W and 1994W Combination Saws.



This also is a valuable Attachment, and can be quickly and securely placed in position ready for use. It is designed for Edge Moulding, Beading, etc., using our Moulding Cutters.

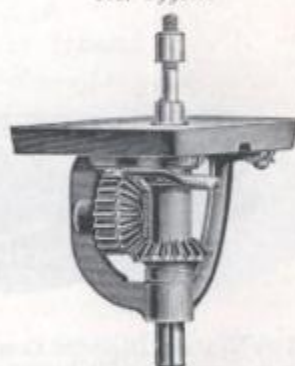
Made entirely of Iron and Steel, simple in construction, compact and durable. It is driven by Spur and Bevel Gears in connection with the Saw Arbor.

The Spindle has a Vertical Adjustment for different thicknesses of work, and is made to rotate in either direction to suit the grain of the wood.

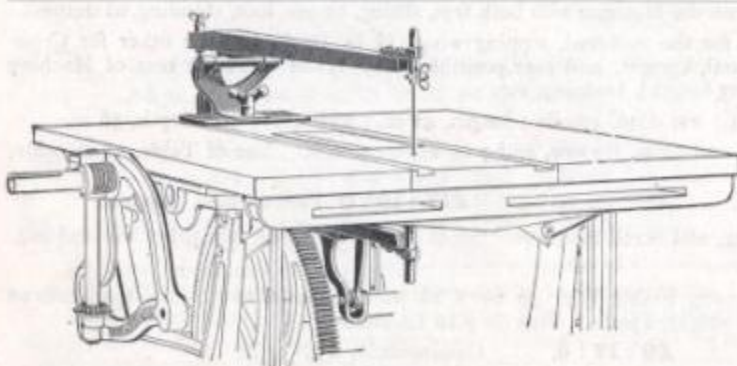
The speed by either Foot or Hand Power is such as to ensure smooth, clean, and rapid work.

Price, in strong Packing Case, 38/6

No. 1998W.



Enlarged view of the Moulding Attachment, detached from the Machine.

**Scroll Saw Attachment**

For Nos. 1992W and 1994W Combination Saws.
No. 1999W.

This handy and useful Attachment can be easily and quickly placed in position ready for use, making a strong and serviceable Scroll Saw with large capacity.

It will cut up to 3 in. thick, and swing 24 in.; the Adjustable Saw Clamps, Arms, and Rocker Motion are the same as used on our large Scroll Saw.

Net weight, 15 lb.

Price, with 1 doz. 8 in. Assorted Saw Blades, packed in strong Case, 38/6

Tool, Machine, and Hardware Merchants and Manufacturers.

Barnes' Improved Foot-power Former, No. 2.

No. 2000W.



This is a Machine for moulding edges of brackets, scroll work, panel work, regular and irregular mouldings of all styles up to $\frac{7}{8}$ in. The speed of the knives is from twenty to twenty-five hundred per minute. By the aid of our

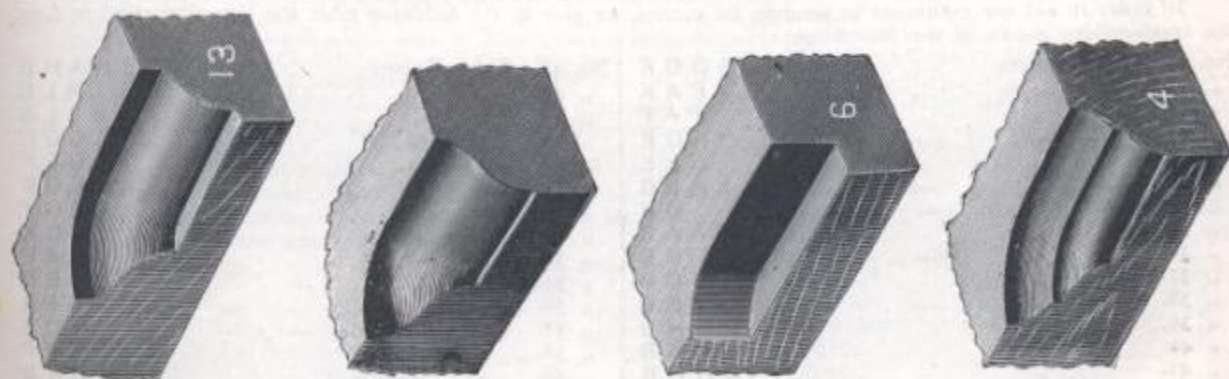
PATENT VELOCIPEDE FOOT-POWER

the knives are, at the will of the operator, caused to rotate in either direction that the grain of the wood may require, thus avoiding all complicated devices for reversing motion usually employed on single-spindle formers. The great speed of the knives ensures rapid and smooth work. Articles that look very plain can be made costly and elegant in appearance by the rapid and perfect work of this Machine.

The spindle and its bearings are of cast steel, with adjustments to take up the wear. The parts to set the machine for the use of different knives and work are convenient, substantial, and durable. The table can be lowered to give $2\frac{1}{4}$ in. between it and the lower cutting edge of the knife.

The Machine, complete, weighs 80 lb.

Price	£4 : 10 : 0
Cutters, extra each	0 : 4 : 6



The above illustrations show a few of the Mouldings for which we supply the Cutters for above Machine. These Cutters enable any one to make special mouldings for their work, or to shape the edges of the panels and various parts of furniture, thus adding greatly to the appearance at a very trifling cost.

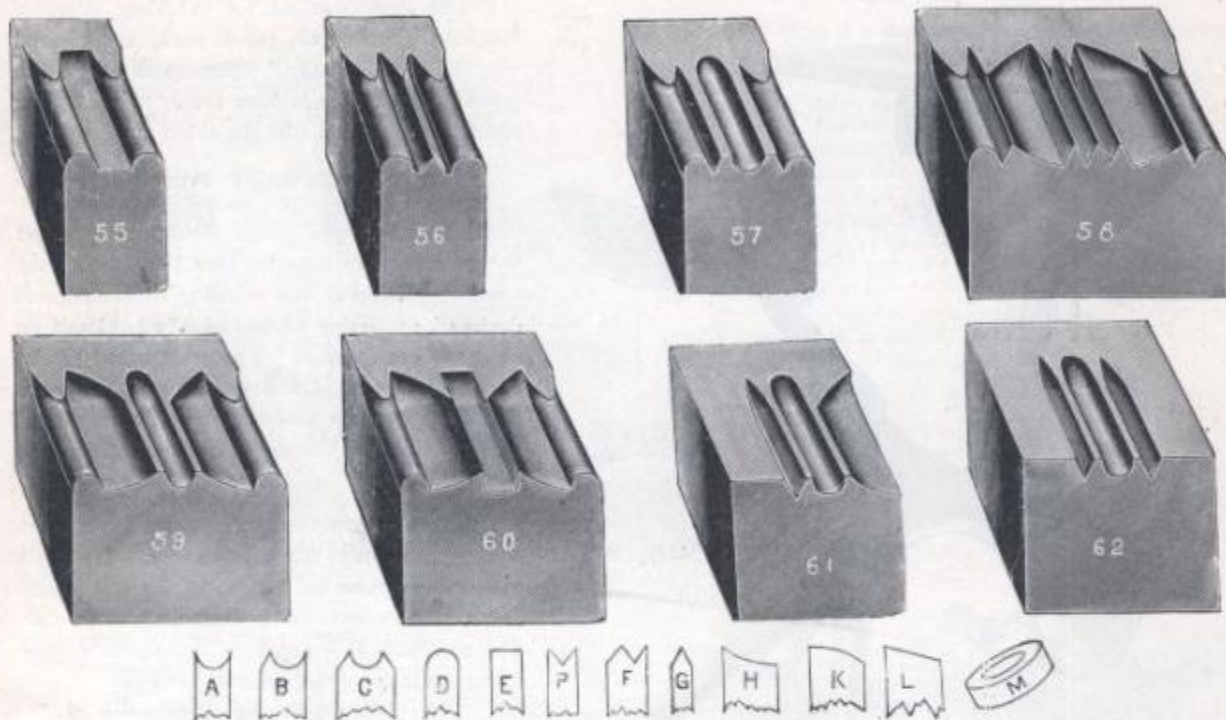
In ordering Cutters, give the Numbers required. Complete list of Cutters sent on application.

Cutters for above Mouldings, price 4/- each.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

Illustrations of Mouldings made by Barnes' New Patent Cutters.

Complete List of Cutters sent on application.



The illustrations shown above give some of the forms of Mouldings and Beads that may be made by the new pattern knives we now supply. The changes that can be made by the use of these new cutters are almost endless, and the usefulness of the Former is very greatly increased, making it one of the most valuable machines that a Cabinet-maker can have. We give illustrations of the forms of these cutters, which are designated by the letters on them.

They are made in three sizes, viz., $\frac{1}{2}$, $\frac{3}{8}$, and $\frac{1}{4}$ in.; and while it is intended that knives of one size shall be used in combination, it is not imperative, and the different sizes may be used in one combination.

In ordering these knives, the letters as well as the size should be given.

In order to aid our customers in sending for cutters, we give in the following table the letters required to form the combinations shown in the illustrations:

No. 24.—Takes Knives				No. 46.—Takes Knives			
No. 25.	"	"	...	K G D G K	No. 47.	"	...
No. 26.	"	"	...	E A K	No. 48.	"	...
No. 27.	"	"	...	P A P	No. 49.	"	...
No. 28.	"	"	...	K G K	No. 50.	"	...
No. 29.	"	"	...	B L E	No. 51.	"	...
No. 30.	"	"	...	E A L G	No. 52.	"	...
No. 35.	"	"	...	B B	No. 53.	"	...
No. 36.	"	"	...	B A A B	No. 54.	"	...
No. 37.	"	"	...	B B	No. 55.	"	...
No. 38.	"	"	...	B C B	No. 56.	"	...
No. 39.	"	"	...	B B	No. 57.	"	...
No. 40.	"	"	...	B H H B	No. 58.	"	...
No. 41.	"	"	...	B K K B	No. 59.	"	...
No. 42.	"	"	...	B H H B	No. 60.	"	...
No. 44.	"	"	...	B K K B	No. 61.	"	...
No. 45.	"	"	...	B H C H B	No. 62.	"	...
			...	B K C K B			...

These new knives will also make the beads shown in Nos. 59, 61 and 62; and in using these no beading head will be required. They are also reversible, while the former knives only run in one direction. They can also be used to make one, two, or three beads, or more, as required. All of the cutters are double ends.

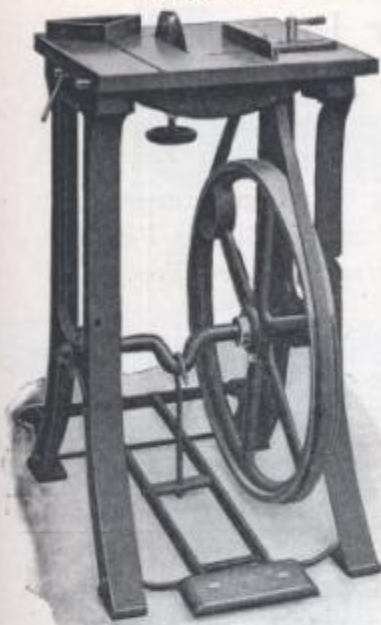
No. 2001W. Cutters only

Price 2/3 each.

A large and varied Stock of Engineers' Tools and Motor Accessories.

Circular Saw Benches with Elevating Tables.

No. 2002W.



Treadle only.

PRICES.

No. 2002W.

9-in. Size, for Treadle,
£8 : 5 : 0

No. 2003W.

9-in. Size, for Power,
£8 : 19 : 6

No. 2004W.

9-in. Size, for Treadle and Power,
£9 : 5 : 0

No. 2005W.

12-in. Size, for Treadle,
£12 : 7 : 0

No. 2006W.

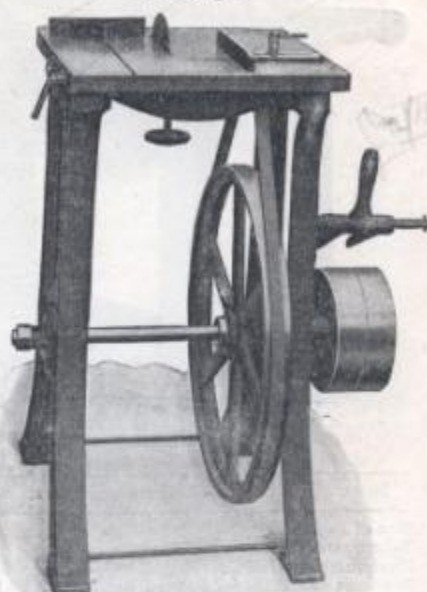
12-in. Size, for Power,
£12 : 7 : 0

No. 2007W.

12-in. Size, for Treadle and Power,
£13 : 9 : 6

Phosphor-bronze bearings for 9-in.
Saw, 21/- extra.

No. 2003W.



Power only.

These illustrations represent our Circular Saw Benches, which are made in two sizes, and are designed for cutting Wood, Vulcanite, and Stereo and other Soft Metals.

SPECIFICATION.

The **Table** is an accurately planed surface and is hinged, so that by means of the Elevating Screw the amount of saw projecting through table can be varied. The table and spindle supports are one casting; by this means the alignment of the principal parts of the machine are always correct.

The **Spindle** is of steel, with glass hard ends and revolves on glass hard centres, making a very light running machine especially when used for foot.

(The 12-in. size being used for heavier work, the Spindle revolves in adjustable Phosphor-Bronze Bearings.)

(The 9-in. size can also be supplied as above, but must be ordered so, as the price is slightly more than when fitted with centres.)

The **Straight Guide** is adjustable so that various widths can be cut.

The **Angular Guide**, as shown in illustration, has a constant angle of 45 degrees. Holes are drilled on face so that pieces can be fixed on to suit the desired constant angle required.

(An adjustable Mitre Guide is also made to suit those who require this type, which swivels at 45 degrees each side of zero. This can be supplied in place of the Constant Angle Guide, the difference in price being slightly more.)

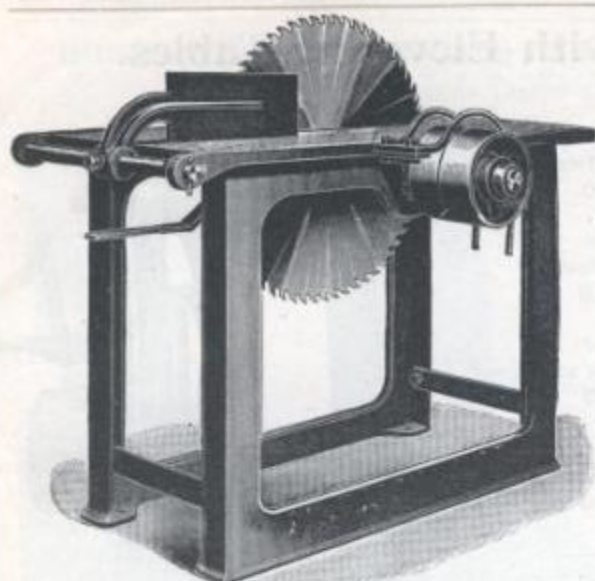
The **Saws** are accurately set and tempered, and are 8 in. diameter on the 8 in. machine and 12 in. diameter on the 12 in. machine. The machines are complete with saws and exactly to illustrations (unless otherwise ordered). The machines will take in saws 9 in. and 15 in. respectively.

GENERAL DIMENSIONS.

	9-in. Size.	12-in. Size.
Size of Table	18 in. x 19 in.	24 in. x 33 in.
Diameter of hole in Saw	1 1/8 in.	1 1/8 in.
Greatest depth of Saw through Table	2 1/8 in.	3 1/8 in.
Greatest distance from Saw to Straight Guide	8 1/2 in.	11 in.
Diameter of Pulley on Spindle	2 1/2 in. x 1 in. wide.	4 in. x 2 in. wide.
Diameter of Fly Wheel	26 in.	27 in.
Diameter of Fast and Loose Pulleys	10 in. x 2 1/2 in. wide.	10 in. x 3 in. wide.
Revolutions per minute	150	125
Net weight (about)	340 lb.	450 lb.

Carriage Forward.

Contractors to the Home, Indian, and Colonial Governments.



Light Pattern Saw Benches for Power.

No. 2008W.

These are well fitted and provided with a Strong Cast Iron Frame with long Brass Bearings, Sliding Fence, and accurately Planed Top.

Specially suitable for light work, cross-cutting, etc.

Any enquiries will always have our prompt attention.

Standard Sizes.	No. 1.	No. 2.	No. 3.
Size of Table	36 x 18 in.	42 x 20 in.	48 x 24 in.
Take Saw of Diameter	18 in.	22 in.	24 in.
Maximum Depth of Cut	6½ in.	8½ in.	10 in.
Diameter and Width of Pulleys	6 x 3 in.	7 x 3 in.	7 x 3 in.
Speed, Revolutions per minute	1,600	1,280	1,200
Average Horse-Power required	1	1	1½
Prices including Saw but without Fence or Loose Pulley	£4 : 10 : 0	£5 : 10 : 0	£6 : 10 : 0
Loose Pulley and Beltshifter, extra	0 : 14 : 0	0 : 16 : 0	0 : 18 : 0
Sliding Fence, extra	0 : 10 : 0	0 : 10 : 0	0 : 10 : 0

Light Running Saw Bench.

No. 2009W.

Hand Power only.

Table 27 x 18 in., with rise and fall Screw.

Fine adjustment by Screw and Wheel.

Gun-metal Bearings.

Swing-over Fence adjustable all ways.

Mitre Fence.

Adjustable Lever Handle.

Height 3 ft.

Weight about 1½ cwt.

Price, including 10 in. Saw, £6 : 10 : 0



Compact, Simple, Easy-Running Saw Bench.

No. 2010W.

Occupies very little space.

Table 27 x 28 in., with rise and fall Screw.

All gears machine cut.

Bearings of best Gun-metal.

Swing-over Fence, adjustable all ways.

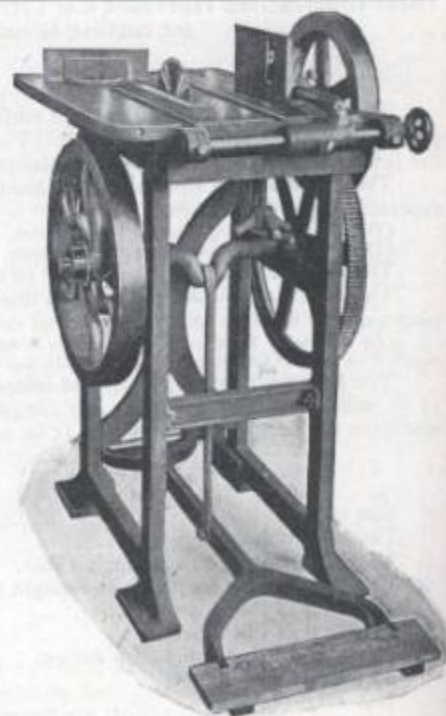
Mitre Fence.

Removable Fly Wheel.

Height 3 ft.

Weight about 2 cwt.

Price, including 8 in. Saw, £9 : 10 : 0



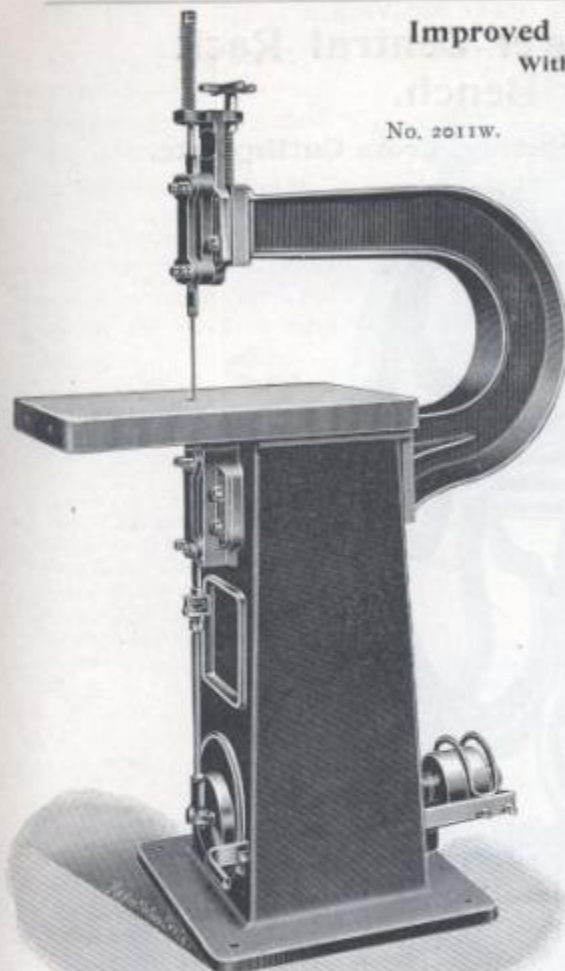
Carriage Forward from Works. 7½ per cent. extra f.o.b. Liverpool; 10 per cent. extra f.o.b. London.

Bronze Medal, 1884.—Gold Medal, 1890.

Improved Fret Sawing Machine.

With Self-contained Arm.

No. 2011W.



This improved and latest designed Fret Sawing Machine is suitable for all kinds of internal and external scroll and fret sawing where a band saw cannot be used.

The machine consists of a frame in one piece, of strong cored section, to which are fitted the table and arm. The slide rod, etc., work in long gun-metal bearings; the end connections to connecting rod are also of gun-metal, and suitable for a high rate of speed.

The saw is strained by means of a spiral spring, the tension of which can be conveniently adjusted by means of screw and hand nut. The machine is complete with Fast and Loose Pulleys, Belt Motion, and six Saws.

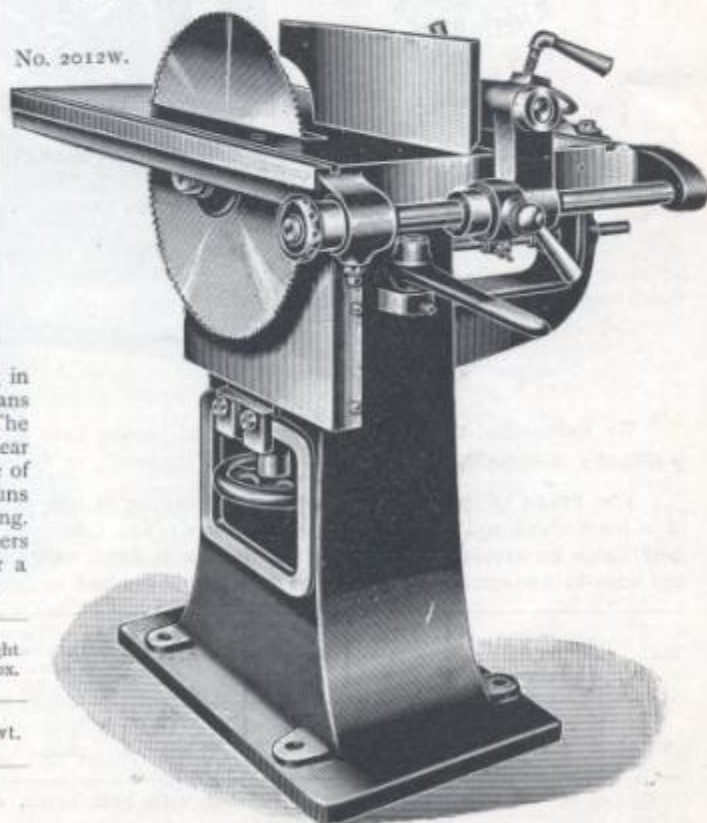
Depth will Cut.	Diam. of Pulleys.	Revolutions per minute.	Price with Fixed Table.	Price with Canting Table.
6 in.	5 in.	800	£12 : 10 : 0	£13 : 0 : 0

Free on Rail at Works.
5 per cent. extra f.o.b. Liverpool.
7½ per cent. extra f.o.b. London.

Improved Circular Saw Bench, for Power only.

For Tenoning, Grooving, Boring, Rabbeting, etc.

No. 2012W.



The frame of machine is a strong cored casting in one piece, the table is made to rise and fall by means of a hand wheel and screw in planed V slides. The canting fence is adjustable in every way and swings clear over table for cross cutting. The saw spindle is made of steel with adjustable lock-nuts for taking up wear, runs in gun-metal bearings, and has an outside arm bearing. Fast and Loose Pulleys, Lever Belt Guide, and Spanners are included. It is a high-class bench, suitable for a variety of work, convenient, and occupies little space.

Dimensions of Table.	Takes in Saws.	Depth will cut.	Diam. of Pulleys.	Revs. per min.	Weight approx.
3ft. x 1ft. 6in.	18 in.	6 in.	6 in.	1800	6 cwt.

Price £13 : 10 : 0

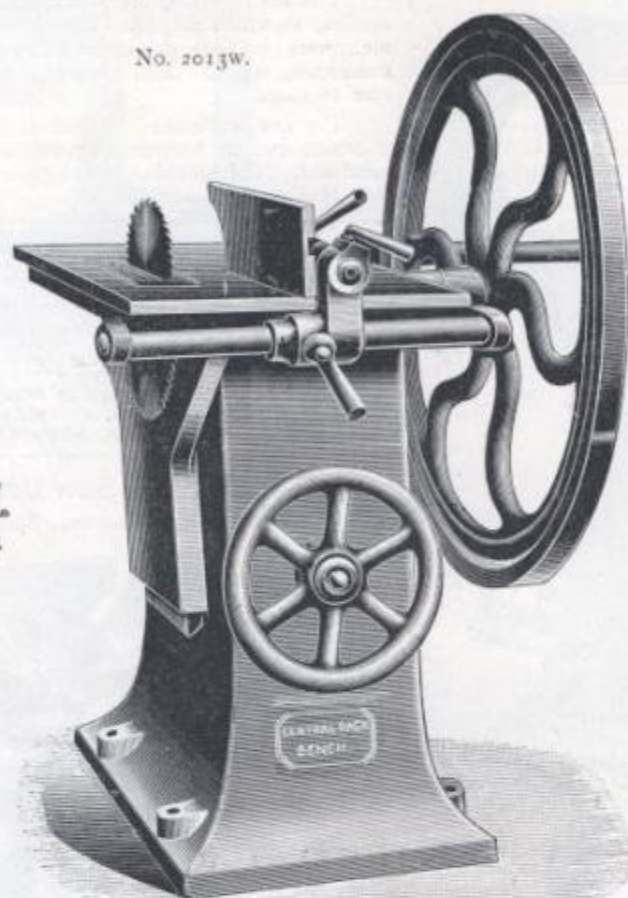
Free on Rail at Works. 7½ per cent. extra f.o.b. Liverpool; 10 per cent. extra f.o.b. London.

Tool, Machine, and Hardware Merchants and Manufacturers.

The Hand and Steam Power Central Rack Rising Top Saw Bench.

For Tenoning, Grooving, Jointing, Rabbeting, Cross Cutting, etc.

No. 2013W.



We recommend this Bench to users who at present have no power, but who require an efficient machine which is properly constructed to run by power when required; or for shops where steam power is not always available.

The Frame of machine is a strong cored casting in one piece. The Table is made to rise and fall by means of a hand-wheel and screw in planed V sides. The Canting Fence is adjustable in every way, and swings clear over Table for cross-cutting. The Steel Spindle is fitted with adjustable lock-nuts to take up all end wear in necks and runs in gun-metal bearings. The machine is finished in best style, and is a substantial, useful, and cheap tool.

No.	Dimensions of Table.	Takes in Saw.	Depth it will Cut.	Pulleys.	Revolution of Saw.	Weight Approximate.	Price with Steam Pulleys only.	Price with Pulleys and Fly-wheel.	Price with Fly-wheel only, as illustrated.
1	ft. in. ft. in. 2 6 x 1 6	in. 15	in. 5	in. in. 5 x 2	1800	Cwt. 6	£ 12 : 0 : 0	£ 13 : 0 : 0	£ 12 : 0 : 0

Made with Fast Table, £11 : 0 : 0.

Free on Rail at Works. 7½ per cent. extra f.o.b. Liverpool; 10 per cent. extra f.o.b. London.

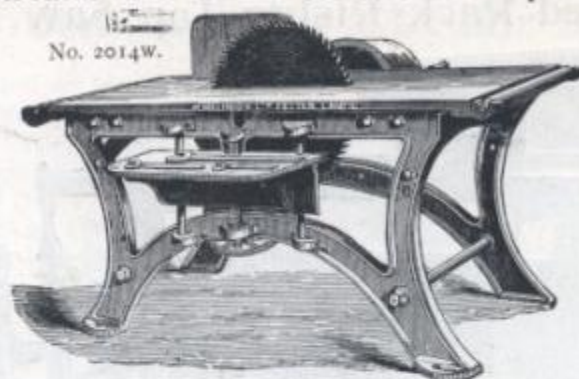
Orders of 20/- and upwards Carriage Paid (with few exceptions).

Circular Saw Bench for Estate Purposes.

This Bench of improved design is strongly built, steady and rigid in work, and has an accurately planed table.

The Fence is quickly adjusted to cut board, either parallel or feather edged, and can be turned off for cross cutting.

No. 2014W.



This Bench can be fitted with Boring Table and Bits, etc., at 60/- and 70/- respectively.

It can be made either right or left hand. Right hand supplied unless ordered otherwise. Drawing shows left-hand bench.

PRICES AND SIZES.

Standard Sizes.	No. 1. Fitted with 24 in. Saw.	No. 2. Fitted with 30 in. Saw.
Size of Table	48 x 24 in.	60 x 28 in.
Diameter of Saw	30 in.	36 in.
Prices, including Saw and Rollers each end of Table	£16 : 10 : 0	£21 : 10 : 0
Loose Pulley and Belt Shifter, extra	1 : 10 : 0	1 : 15 : 0
Speed Revolutions per Minute	1,200	940
Average Horse Power required	1½	3

New Improved Hand Power Circular Saw Bench.

Will cut 4½ in. deep.

No. 1.

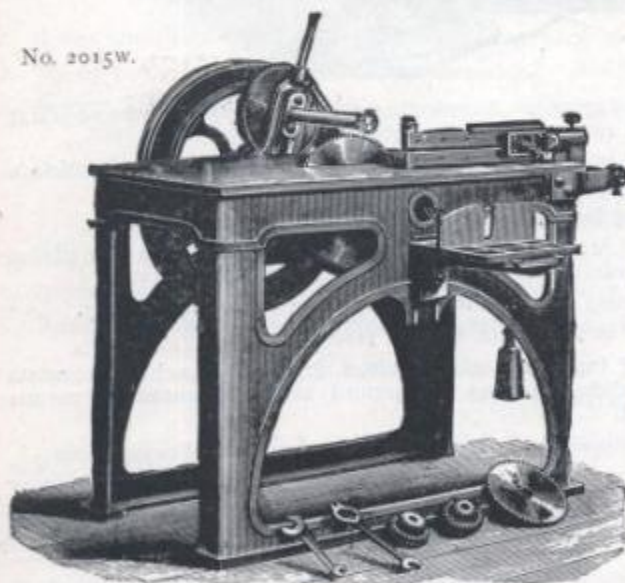
With Fly-Wheel and Self-Acting Feed Motion, Table 48 x 24 in., heavy and planed true, Rising and Falling Spindle, Self-Acting Motion, Parallel Canting Fence which turns over end of Bench for cross-cutting, Sliding Roller and Weight, one each 9 and 14 in. Circular Saws, three Change Wheels for speed motion, six Rollers and Carriers for extending Bench, and Spanner.

No. 2.

Frame and Table as No. 1, but specially designed to overcome its limitations to cross-cutting, the fly-wheel being moved from the saw spindle to a back shaft fitted on one end, driving being effected by means of chain. The table has long groove cut for sliding cross-cutting and mitring fence, which can be supplied with the machine. Saw spindle is a **fixed one**. Complete with parallel canting and turn-over fence, two Saws, and necessary Spanner.

Both machines can be fitted with BORING APPARATUS, consisting of adjustable bracket, sliding fence and one patent auger. Also with special TENONING APPARATUS to take in wood up to 3 x 9 in. consisting of slide and holder for holding timber in vertical position, and one extra 14 in. diameter saw.

No. 2015W.



PRICES: No. 1.

If complete with Feed Motion, Two Saws, Rollers, and Carriers	£ 12 : 10 : 0
If without Feed Motion, Rollers, etc. (plain bench)	10 : 10 : 0
If prepared to work either by Steam or Hand	extra 0 : 10 : 0
If fitted with Patent Drag Motion in addition to above feed	1 : 10 : 0

No. 2.

As specified, complete with Two Saws and Spanner (no feed motion)	£ 12 : 10 : 0
If as above, with Boring Apparatus, Sliding Table, and one Patent Auger for either Machine	extra 12 : 0 : 0
If fitted with Sliding Fence for Cross-cutting or Mitrering for either Machine	0 : 10 : 0
If fitted with Tenoning Apparatus and one extra 14 in. diameter Saw for either Machine	3 : 10 : 0

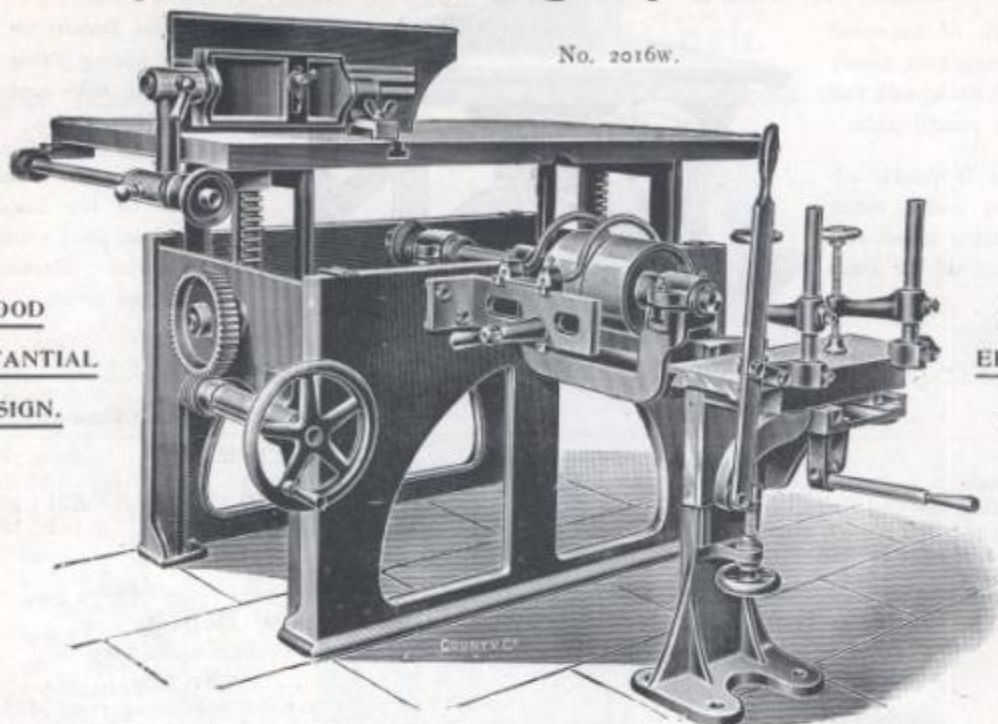
A large and varied Stock of Engineers' Tools and Motor Accessories.

Improved Rack Rising Top Saw Bench.

No. 2016W.

GOOD
SUBSTANTIAL
DESIGN.

CHEAP,
EFFECTIVE,
SIMPLE.



These Machines, recently strengthened and improved, meet all the ordinary requirements of the trade, and, although cheap, have that standard of excellence ascribed to our other manufactures.

The Table is planed and grooved in inches parallel to the fence, and can be raised or lowered while the saw is running.

The Spindle is of Steel, bored out at end to suit boring bits, and runs in three long gun-metal bearings.

The Fence is adjustable every way, and swings clear over end for cross-cutting; is fitted with fine thread Screw Adjustment, operated by hand-wheel, and, when returned from angle-cutting, is absolutely square.

The Belt Shifter is of the self-locking type, preventing accidents from belt moving on to either pulley.

All Adjustments are simple, and have been placed in convenient working positions.

BORING AND MORTISING ATTACHMENT (as illustration) bolted firmly to machine, consists of cast iron stand with vertical and horizontal slides, having compound table, operated by means of levers and screws, suitable stops being provided.

Heavier Pattern, with 4 Corner Racks, can be supplied at an increase of 10 per cent. on following prices:—

No.	Dimensions of Table.	Taken in Saw.	Depth it will cut.	Pulleys.	N.H.P. Required.	Revolutions of Saw.	Approximate Weights.		PRICE, Rising Top.	PRICE, Fixed Top.	PRICE, Boring only.	PRICE, Boring and Mortising.
							R.T.	F.T.				
1	39 in. x 21 in.	21 in.	7 1/2 in.	5 in. x 3 in.	1 1/2	1400	6 cwts.	5 cwts.	£9:15:0	£8:5:0	£3:15:0	£5:12:0
2	44 " x 24 "	24 "	9 1/2 "	6 " x 3 1/2 "	2	1300	7 1/2 "	6 1/2 "	12:0:0	9:0:0	4:0:0	5:15:0
3	48 " x 26 "	27 "	11 "	6 " x 3 1/2 "	2 1/2	1200	8 "	7 1/2 "	12:15:0	9:15:0	4:5:0	6:0:0
4	54 " x 28 "	30 "	12 1/2 "	7 " x 4 1/2 "	3	1000	10 "	9 "	15:15:0	12:15:0	4:10:0	6:5:0
5	58 " x 30 "	33 "	13 1/2 "	7 " x 4 1/2 "	3 1/2	950	11 "	10 1/2 "	18:0:0	15:0:0	5:5:0	6:10:0
6	60 " x 32 "	36 "	14 "	8 " x 4 1/2 "	4	900	12 "	11 "	22:10:0	18:15:0	5:10:0	6:15:0
7	72 " x 36 "	42 "	16 1/2 "	9 " x 6 "	5	800	15 "	13 "	27:0:0	22:10:0	5:15:0	7:5:0
8	78 " x 38 "	48 "	19 "	10 " x 6 "	6	700	18 1/2 "	16 1/2 "	36:0:0	27:10:0	6:15:0	8:15:0

Rope and Roller Feed Saw Benches at similarly low prices.

SAWS EXTRA.

Free on Rail at Works.

Contractors to the Home, Indian, and Colonial Governments.

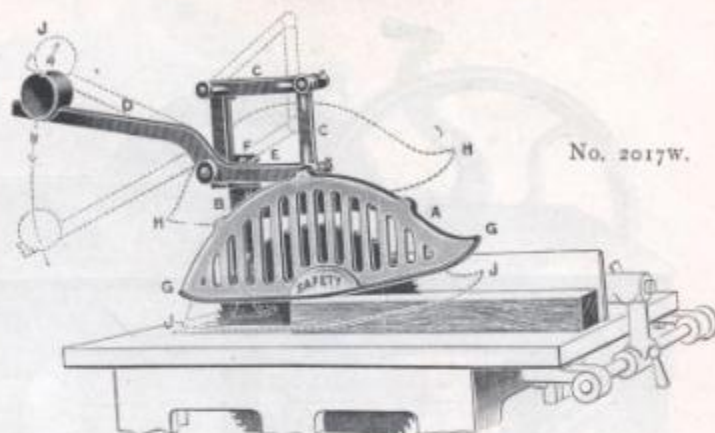
Patent Self-Compensating Circular Saw Guard.

It is adaptable to every make of saw bench, being easily fitted to table by an ordinary workman.

It consists of a shield (A) completely covering the saw, attached to a stand (B) (bolted to the back corner of table) by means of arms (C), compensating lever (D), and adjustable horizontal bracket (E).

Any thickness of wood can be worked. The contact of the timber at J serves to raise Shield sufficiently to allow it to pass. On completion of cut the Shield falls back automatically to table.

The tightening of wing nut (F) retains the Shield at any given height, such as ripping large quantity of timber of a given thickness, or holding the Guard clear when sharpening or changing saws. Lines GG and HH respectively show this on the illustration. JJJ shows Guard resting on table, automatically covering Saw when cut is completed.



IMPORTANT REASONS WHY YOU SHOULD FIT THIS GUARD TO YOUR SAW BENCHES:

1. Gives complete protection, decreasing sawyers' risks, that part of Saw not required being covered.
2. When cut is made, the Shield automatically covers whole of Saw.
3. Construction being substantial, there is no possibility of Saw coming into contact with Shield, the vertical movement being parallel.
4. Self-adjusting to thickness of timber being worked, without attention from the workman, whether ripping, cross-cutting, or wedge cutting. Permits sawing to the fullest capacity of saw, and does not interfere with fence plate adjustment.
5. Has the fullest approbation of Factory Inspectors.
6. Guarantees immunity from accidents, preventing ruination to uninsured.
7. Substantial rebates of Insurance premiums may be secured.

PRICES:

											£	s.	d.
No. 1.	Suitable for 12 in. to 18 in. Saws	...	...	...	...	...	...	...	...	...	1	15	0
" 2.	" 18 " 24 "	...	...	...	...	...	...	...	...	...	2	0	0
" 3.	" 24 " 30 "	...	...	...	...	...	...	...	...	...	2	12	0
" 4.	" 30 " 36 "	...	...	...	...	...	...	...	...	...	3	5	0
" 5.	" 36 " 42 "	...	...	...	...	...	...	...	...	...	4	0	0



Adjustable Steel Riving Knives.

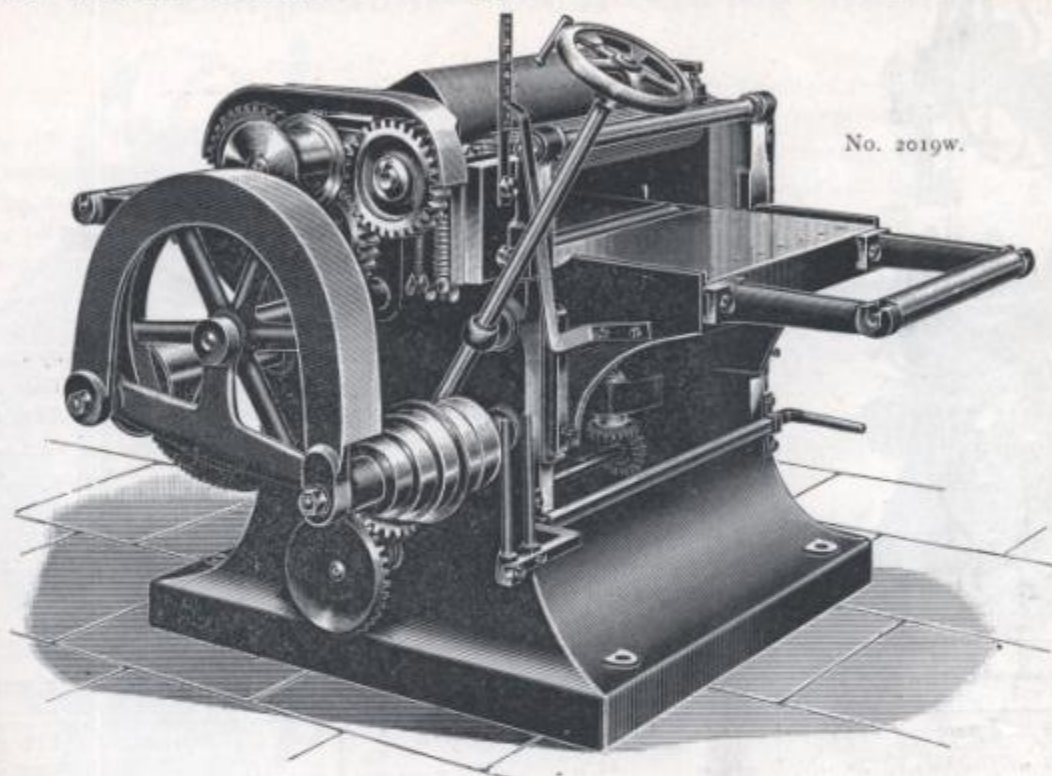
To fix to underside of Table behind Saw.

Nos. 1 and 2	...	...	...	...	...	...	...	...	...	...	...	...	12/-
" 3 and 4	...	...	...	...	...	...	...	...	...	...	...	...	15/-
" 5 and 6	...	...	...	...	...	...	...	...	...	...	...	...	18/-

Carriage Forward.

Bronze Medal, 1884.—Gold Medal, 1890.

Roller-Feed Panel Planing and Thicknessing Machine.



No. 2019W.

Adapted for planing boards, panels, etc., etc., in hard and soft woods from $\frac{1}{8}$ to $17\frac{1}{2}$ in. thick. The Frame is a heavy box-section casting in one piece, absorbing all vibration while working, and requiring no special foundation.

The Spindle and Cutter-Block are machined from one forging of special steel and carefully balanced; they run in special bearings of phosphor-bronze, extra long, dust-proof and self-oiling by means of oil well and rings which automatically cover the shaft with oil when running. This improvement enables the machine to be run at a high speed with but little attention.

The Bottom Table has rising and falling motion by turning the Handwheel in front, and a Gauge is provided to enable the operator to set the machine to plane the required thickness.

The Steel Feed-Rollers are of large diameter and can be instantly stopped without stopping the Cutter-Block. The Feed Gearing is on one side of the machine, out of the operator's way and securely guarded; it has three rates of speed to suit woods of varying hardness.

The price includes a suitable Countershaft, with Fast and Loose Pulleys, Belt Motion, and one pair of full-sized Plane Irons and Set of Spanners.

No.	Maximum size planed.	Size of Pulleys on Countershaft.	Speed of Countershaft.	Price.
1	16 in. \times $7\frac{1}{2}$ in.	8 in. \times 4 in.	800	£35 : 0 : 0
2	20 " \times $7\frac{1}{2}$ "	8 " \times $4\frac{1}{2}$ "	800	£41 : 0 : 0
3	24 " \times $7\frac{1}{2}$ "	8 " \times $4\frac{1}{2}$ "	800	£43 : 10 : 0

Free on
Rail at
Work.

$7\frac{1}{2}$ per cent. extra f.o.b. Liverpool; 10 per cent. extra f.o.b. London.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

Patent Band Sawing Machine.

No. 2020W.



This Machine being of very recent design, includes all possible up-to-date improvements. The frame is cast in one piece and well proportioned, thereby securing strength and rigidity. It is fitted in a first-class manner, and no spanners are required for adjustments. The Sliding Box carrying the top pulley can be readily adjusted whilst the machine is in motion, so that the Saw can be made to run accurately on any part of the face of the pulleys. There is a Spring Tension to compensate for expansion and contraction of saw. The Pulleys, which are covered with Indiarubber Bands, are light, strong, truly turned and balanced, thus enabling the machine to be run at a high speed. The shaft runs in long gun-metal bearings. The machine is fitted with **Patent Saw Guides**, both above and below the table, and are adjustable to take in wide or narrow Saw Blades. The table will cant or swivel to any angle for the purpose of bevel and straight cutting. A brush is fitted to keep the bottom Saw Pulley clear from sawdust. For the protection of the workman, the Saw is fitted with Iron Guard in front and Wood Guard on the side. Is complete with one $\frac{3}{8}$ in. French Band Saw and Spanner.

No.	Dimensions of Table.	Size of Band Saw Pulleys.	Depth of Cut.	Diameter of Driving Pulleys.	Speed of Driving Pulleys.	Power required.	Weight.	PRICE.
1	28 in. square	24 in.	12 in.	10 in.	450 revs.	$\frac{1}{2}$ horse	10 cwt.	£18 : 10 : 0
2	32 " "	30 "	14 "	12 "	400 "	$\frac{3}{4}$ "	14 "	22 : 0 : 0
3	36 " "	36 "	18 "	14 "	350 "	1 "	18 "	34 : 0 : 0

Patent Fret Saw attachment, £6 : 10 : 0 extra.

*Free on Rail at Works.***The "HANDY" Band Saw Machine.**

No. 2021W.

Stand is in one casting, extra strong, giving rigidity when working.

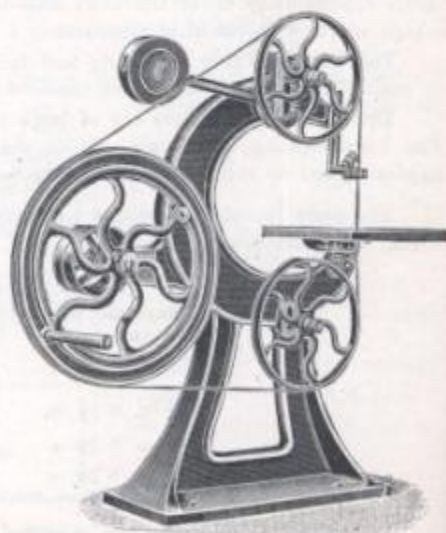
Fly-wheel and pulleys when required are keyed on to shaft running between two cast-iron necks.

Fitted with Patent Saw Guides and $\frac{3}{8}$ in. Band Saw.

Hand Power	...	...	Price	£11 : 0 : 0
For Power	...	...	"	11 : 10 : 0
If extra Fly-wheel required	...	Extra	1 : 10 : 0	
Patent Fret Saw Attachment	...	"	5 : 0 : 0	

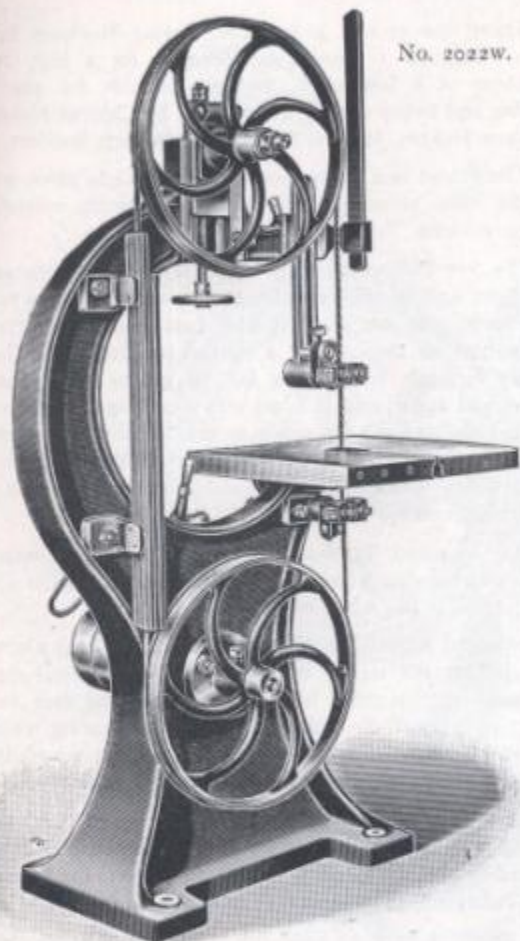
Cuts 6 in. deep and admits work 12 in. deep.

Speed, 180 revolutions per minute.

Free on Rail at Works.

A large and varied Stock of Engineers' Tools and Motor Accessories.

The "Compactum" Band Sawing Machine.



No. 2022W.

These 20 and 24 in. Machines are handy, occupy but little space and require small amount of power to drive. They are suitable for straight or sweep cutting, and the general work of joiners, cabinet-makers, etc., and are intended for those shops where a larger machine is not convenient or necessary.

The Frame is a strong casting in one piece, and the Pulleys are truly turned and balanced, and covered with best india-rubber tyres vulcanized to the faces by a special process. The Top Pulley is made to rise and fall by a Hand-wheel and Screw, and is provided with a canting arrangement by which the saw may run on any part of the face.

The improved Tension Motion is very sensitive and compensates for the contraction and expansion of the Saw while working.

Improved Adjustable Saw Guides are fitted both **above** and **below** the Table; the Top Guide is of a special antifrictional pattern; the Saw bears against the face (not the edge) of a Steel Disc, running on a ball bearing which provides a broad support for the Saw without generating heat; it is adjustable both horizontally and vertically.

The Table is truly planed and fitted with a canting motion so that work can be sawn at any required angle.

Prices, complete with Fast and Loose Pulleys, convenient Belt Motion, one $\frac{3}{8}$ in. best French Band Saw, Screw Keys, and Tin of Lubricant.

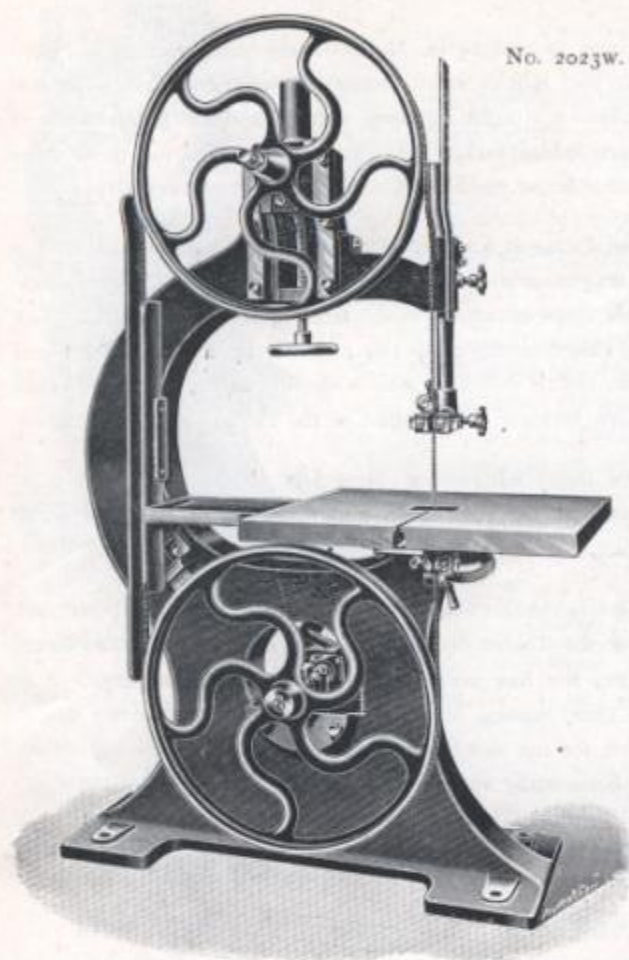
No. of Machine.	Diameter of Saw Pulleys.	Depth Saw will Cut.	Diameter of Driving Pulleys.	Pulley Revolutions per minute.	Size of Table.	Approximate Weight.	Price.
1	20 in.	10 in.	8 x 2 $\frac{3}{4}$ in.	500	20 in. square	7 cwt.	£14 : 10 : 0
2	24 "	12 "	10 x 3 $\frac{3}{4}$ "	450	28 " "	10 "	17 : 10 : 0

	£	s.	d.
If fitted with Adjustable Straight Fence extra	0	10	0
" " " Canting " "	2	0	0
Arranged for Boring and fitted with $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ and 1 in. Augers "	1	0	0

Free on Rail at Works. 7 $\frac{1}{2}$ per cent. delivered f.o.b. Liverpool; 10 per cent. extra f.o.b. London.

Contractors to the Home, Indian, and Colonial Governments.

New Improved Band Sawing Machine.



No. 2023W.

These new 30 and 36 in. Band Sawing Machines have been designed to meet the demand for a high-class machine at a low price, and are suitable for general sawing and sweep cutting as required by Cabinet Makers, Pattern Makers, Joiners, Builders, and Coach Builders.

The Frame is a strong cored casting in one piece, with ample base, securing strength and preventing vibration when working.

The Saw Pulleys are truly bored, turned and balanced, are light and strong, reducing the breakage of saws to a minimum, and are covered with best indiarubber tyres vulcanized to the rim by a special process. The Top Pulley is made to rise and fall by means of a Hand-wheel and screw, and is fitted with a canting arrangement so that the saw can be made to run on any part of the face of the pulley. The Bottom Pulley is fitted to a steel shaft which works in long adjustable bearings, secured to the main frame.

The improved Tension Motion is obtained by means of a spiral spring which compensates for expansion and contraction of saw when working.

Improved Adjustable Saw Guides are fitted both **above** and **below** the table; the top guide is a special anti-frictional pattern; the Saw bears against the face (not edge) of a steel disc running on a ball bearing which provides a broad support for the Saw without generating heat; it is adjustable both horizontally and vertically.

The Table is fitted with canting motion, so that work can be cut to any required bevel. An Extension Table is fixed behind the Canting Table; this covers the bottom Saw Pulley and prevents pieces dropping on to it.

A Brush is fixed to keep the bottom Saw Pulley clear of resin, dirt, etc.

Prices, including Fast and Loose Pulleys, Belt Motion, one $\frac{3}{8}$ in. Best French Band Saw, Spanner, and one tin of Lubricant.

Diameter of Saw Pulleys.	Depth of Cut.	Diameter of Driving Pulley.	Size of Table.	Approximate Weight.	Revolutions per minute.	Price.
30 in.	14 in.	12 in.	30 in. square.	11½ cwt.	400	£20 : 0 : 0
36 "	18 "	14 "	36 " "	19½ "	350	30 : 0 : 0

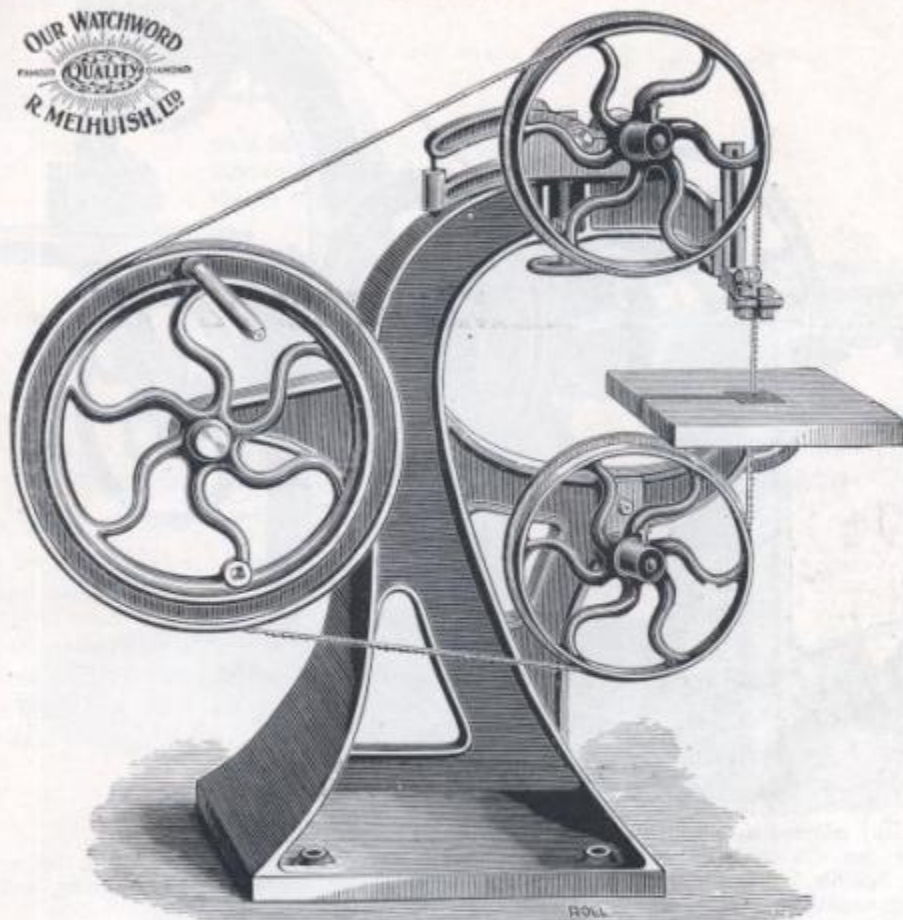
						£ s. d.
If fitted with Adjustable Straight Fence	...	...	...	...	extra	0 : 15 : 0
" " " Canting	"	"	"	"	"	2 : 0 : 0

Free on Rail at Works. 7½ per cent. extra f.o.b. Liverpool; 10 per cent. extra f.o.b. London.

Bronze Medal, 1884.—Gold Medal, 1890.

"Improved" Hand Power Band Sawing Machine.

No. 2024W.



Weight, 5 cwt. 3 qrs. 0 lb. With Pulleys, 1 qr. extra.

This is a strongly built machine, having its frame cast in one piece, and is thoroughly well fitted in all its working parts. It is specially suitable for Joiners, Cabinet Makers, Coach Builders, etc., etc.

The canting table is 18 in. square and admits 42 in. diameter and 11 in. deep, thus allowing 11 in. lock-rails for doors to be tenoned. The pulleys are covered with indiarubber, so as to preserve the set of the saw. The machine has hardened steel runner guides both above and below table; has also fence for tenoning (not shown on drawing).

It is fitted with an improved tension arrangement, which entirely prevents breakage of saws.

		£	s.	d.
Complete with one $\frac{3}{8}$ in. Saw, sharpened and set ready for use, and one Screw Key	...	10	10	0
With Pulleys to work either by hand or steam power	...	11	2	6
Fitted with an extra Fly-wheel	extra	1	0	0
Spindle bored and fitted with 6 Augers, $\frac{3}{8}$ to 1 in.	..	1	0	0

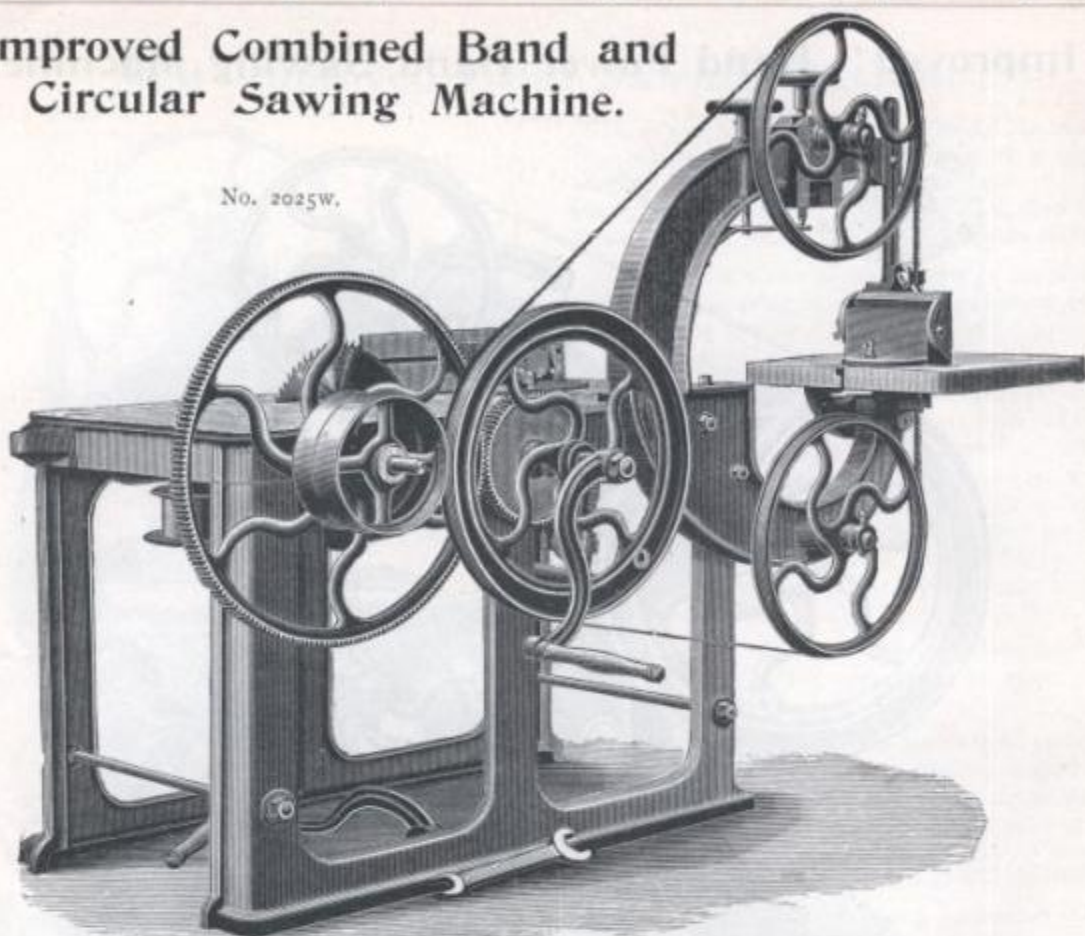
Revolutions 150 per minute.

Free on Rail at Works. 7½ per cent. extra f.o.b. Liverpool; 10 per cent. f.o.b. London.

Tool, Machine, and Hardware Merchants and Manufacturers.

Improved Combined Band and Circular Sawing Machine.

No. 2025W.



This is specially adapted as a labour-saving machine where steam power is not available.

The Circular Saw will cut 5 in. deep, and the Band Saw 6 in. deep. The Table is 4 ft. by 2 ft., and has a rising and falling Spindle (working in gun-metal bearings) for Rebating, Grooving, and Tenoning, and is fitted with a Self-acting Drag motion for feeding the timber, and a Parallel Canting Fence.

This Machine has variable speeds for hand-power—viz. one speed for light work, being quick, and the other for heavy work, being slow.

The Band Saw Table is fitted so that it will cant or swivel to any angle for the purpose of bevel or straight cutting of timber; it is also fitted with Angular Fence.

The Band Saw apparatus is fitted with patent Compensation Spring, which allows a free expansion and contraction of the Band Saw while at work. It is remarkably simple and effective, and prevents the breakage of Saws; it is also fitted with Brass Saw Guide and Steel Bowl, and is adjustable for wide or narrow Band Saws.

FOR HAND POWER.

With one 15 in. Circular Saw	...	...
" one 9 " " "	...	...
" one ½ " French Band Saw	...	£22 : 0 : 0
Fitted with rising and falling Spindle	...	
" " Drag Motion	... extra	2 : 2 : 0
If with Boring Apparatus, including one Patent Auger	... extra	2 : 2 : 0
If made for Hand and Steam Power, lengthening spindle and adding driving pulleys	... extra	1 : 1 : 0

FOR STEAM POWER.

Fitted with light balanced Fly-wheel on Band Saw Apparatus, and Band Saw made to cut 8 in. deep.	
With one 15 in. Circular Saw	...
" one 9 " " "	...
" one ½ " French Band Saw	... £23 : 0 : 0
Fitted with rising and falling Spindle	...
" " Drag Motion	... extra 2 : 2 : 0
If with Boring Apparatus, including one Patent Auger	... extra 2 : 2 : 0

Carriage Forward

If packed and delivered f.o.b. London, 7½ per cent extra on list.

" " " Liverpool, Birkenhead, or Hull, 5 per cent. extra on list price.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

New Improved Centre Slide-Rack Mortising Machine.

No. 2026W.

This Machine will take in work on Movable Table 16 x 8 in. Length of stroke 6 in., approx. weight 4 cwt.

A low-priced machine of improved construction, accurate in all its working parts and thoroughly efficient.

The Frame is in one casting and gives to the machine the strength and accuracy necessary for good mortising.

The Wrought Iron Lever which brings the Chisel into operation is so placed that the workman using it may stand in an easy and convenient position.



Carriage Forward.

A noticeable feature of this Machine is the improved Reversing Motion for the Chisel Spindle. It is made of steel and is not liable to get out of order or break.

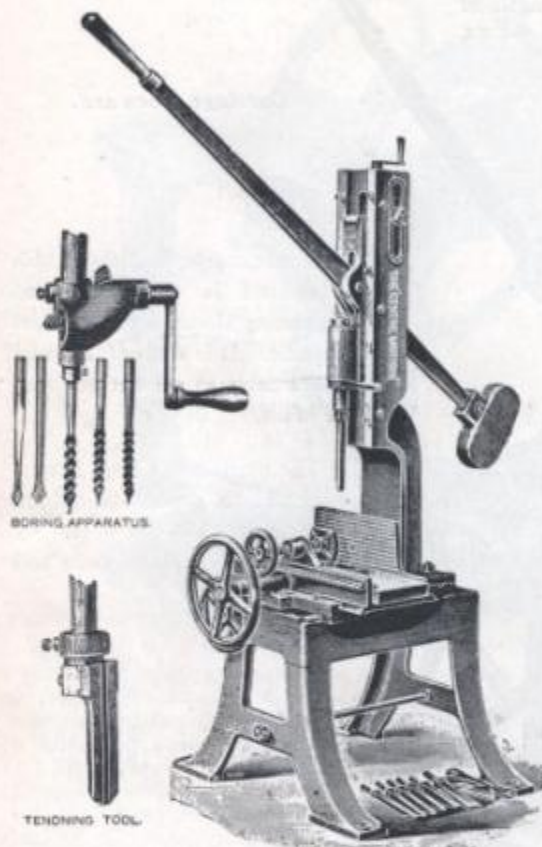
The position of Chisel Box on back slide is easily adjusted for varying depths of work, by means of a couple of bolts and nuts.

Price of Machine including $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, and $\frac{7}{8}$ in. Best Cast Steel Plain Chisels, 1 Core Driver, 1 Spanner, and 1 Set Square	£	s.	d.
...	8	0	0
Extra for Boring Apparatus, complete with $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ in. Round Nosed Augers, and $\frac{1}{4}$ and $\frac{3}{8}$ in. Cast Steel Drills	1	5	0
" " Tenoning Tool, which will cut tenons from $\frac{1}{4}$ to 1 in.	2	0	0
" if fitted with Self-coring Chisels, in lieu of ordinary plain Chisels and Core Driver	1	0	0
" " " Venetian Blind Punch and Die ($1 \times \frac{3}{8}$ in.)	0	15	0

A large and varied Stock of Engineers' Tools and Motor Accessories.

The "Centre Motion" Improved Patent Combined Mortising, Boring, and Tenoning Machine.

No. 2027W.



No. 0 is adapted for fixing to bench only (no feet).

Depth of Mortise 6 in.

Length of Stroke 3 in.

Takes in work 5 in. x 3 in.

Approx. Weight of Machine 1½ cwt.

No. 1 (as illustrated) will Mortise 11 in.

Length of Stroke 6 in.

Takes in work 12 in. x 5½ in.

Approx. Weight of Machine 3½ cwt.

No. 2—stand and feet in one solid casting.

Length of Stroke 6½ in.

Takes in work 12 in. x 7½ in.

Approx. Weight of Machine 4 cwt.

In this Machine the motion from the lever is communicated to the chisel through the centre of the slide, thereby giving a direct action over the chisel, and by this simple and effective arrangement additional power is obtained.

In fixing the chisel in spindle, set the face of chisel square with the fence of the tray, and let the figures on the chisel be towards the handle that turns the chisel; and, in mortising, the face of the chisel must meet the cut.

The chisels are easily loosened in the spindle, by being partly turned with the screw key sent with the Machine. If the chisels are strained in working, and do not reverse true, they are easily made to turn true by being struck with a piece of lead, or a smart blow with a hammer.

	£	s.	d.
Price—No. 0, including ¼, ⅜, and ½ in. Best Cast Steel Chisels, 1 Core Driver, 1 Set Square, and 1 Spanner	6	10	0
" No. 1 " ¼, ⅜, ½, ¾, and 1 in. " " " "	8	0	0
" No. 2 " " " " " " " " "	9	10	0
Extra for Boring Apparatus, complete with ¼, ⅜, ½ in. Round Nosed Augers, and ¼ and ½ in. Cast Steel Drills	1	5	0
" " Tenoning Tool, which will cut tenons from ⅝ to 1 in.	2	0	0
" if fitted with Self-coring Chisels, in lieu of ordinary Chisels and Core Driver	0	17	6
" for Venetian Blind Punch and Die (1 in. x ⅝ in.)	0	15	0

Carriage Forward.

Contractors to the Home, Indian, and Colonial Governments.

New Improved Roller Centre-Action Mortising Machine.

No. 2028W.

Recently redesigned and embodying many new improvements, this pattern is now one of the best Mortisers on the market.

Carriage Forward.

The cutting edge of the Chisel is in the same vertical plane as the centre of the Working Lever, and the Roller Centre Action will be found of great advantage in working either hard or soft woods.

The Frame is in one casting, and thus has the strength and solidity desirable and necessary for good and accurate mortising.

A noticeable feature is the Improved Reversing Motion, which is self-contained and not liable to break or get out of order. The Nut at the side slot can be very easily and expeditiously slackened back so that the fulcrum pin can be raised or lowered to suit the various depths of work required.

At the side of Tool Box is fitted a Bracket with a vertical pin to which the Boring Apparatus is quickly attached, thereby allowing the auger and chisel when in position for working to be in the same horizontal plane. The Boring Apparatus can also be attached to chisel spindle in the usual manner as in our other makes of Mortising Machines.

This Machine will take in work on Movable Table 16 x 8 in. Length of stroke, 6½ in. Approximate weight, 4 cwt.



	£	s.	d.
Price of Machine, including ¼, ⅜, ½, ⅞, 1, 1½, 2, and 2½ in. Best Cast Steel Plain Chisels, 1 Core Driver, 1 Spanner, and 1 Set Square	8	5	0
Extra for Boring Apparatus, with bracket on side of tool box, complete with ¼, ⅜, ½ in. Round Nosed Augers, ¼, and ½ in. Cast Steel Drills, and small Spanner (deduct 5/- if ordered without side bracket attachment)	1	10	0
Extra for Tenoning Tool, which will cut tenons from ¼ to 1 in.	2	0	0
“ if fitted with Self-coring Chisels, in lieu of ordinary plain Chisels and Core Driver	1	0	0
“ “ Venetian Blind Punch and Die (1 x ⅞ in.)	0	15	0

IMPORTANT TO THOSE ORDERING THROUGH SHIPPERS.—In order to ensure getting complete satisfaction, we advise our friends to be careful in giving definite instruction that the goods shall be procured direct from our house. By this means you may be sure of receiving the pattern and quality specified in our Catalogue.—Rd. MELHUISH, Ltd.

Bronze Medal, 1884.—Gold Medal, 1890.

Patent Centre Motion Mortising, Boring, and Tenoning Machine.

No. 2029W.

This is one of the strongest Hand Mortisers on the market, and is used by large builders, contractors, railway companies, collieries, etc., etc.

The Frame is strong and heavy, and cast in one piece, the working is Centre Motion, and the Improved Boring Apparatus can be fitted with pulleys for power when required.

The Compound Table is extra large and strong, and has a rising and falling motion for regulating depth of mortise, worked by the hand-wheel and screw under the table.

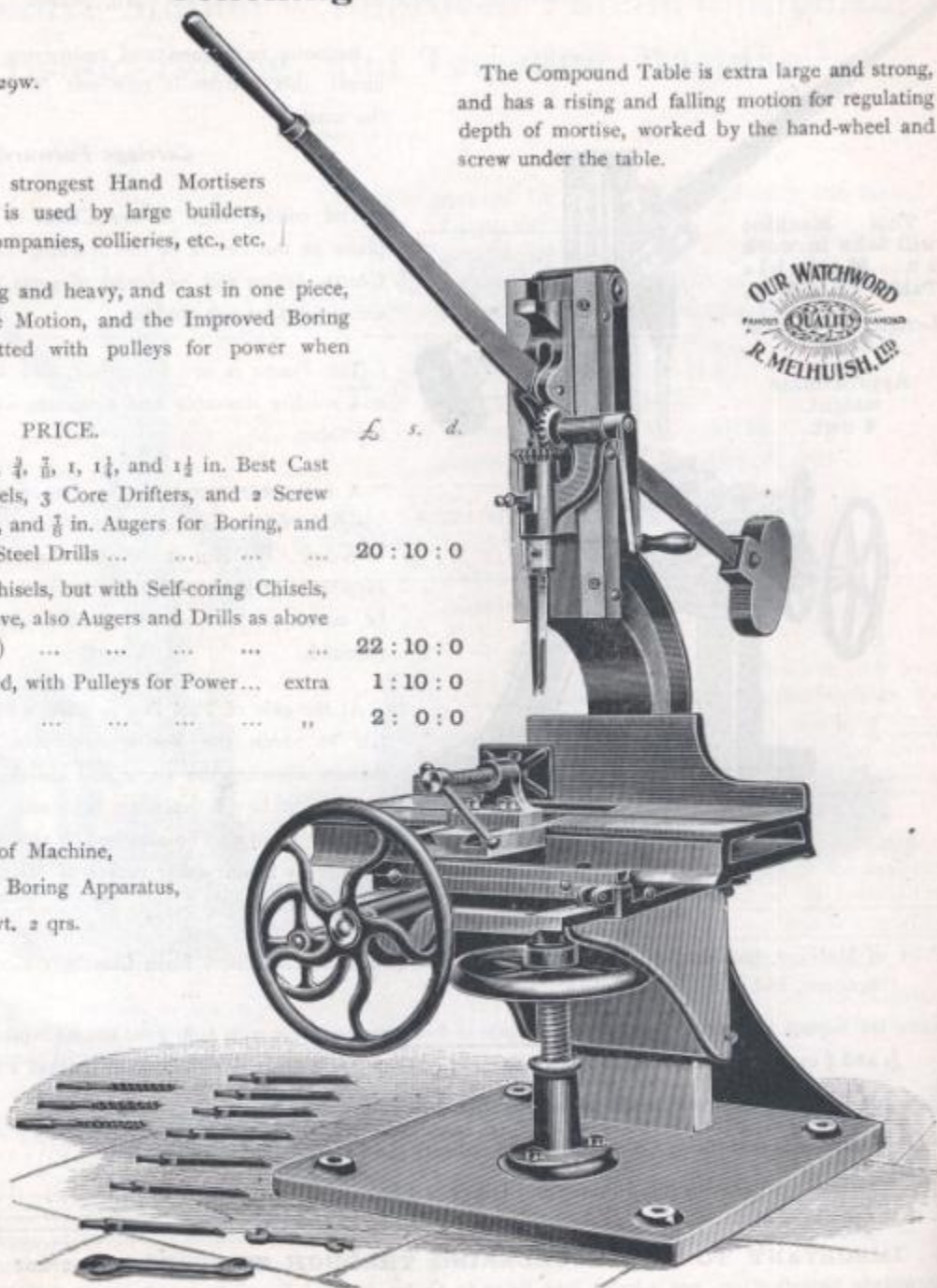


PRICE.

£ s. d.

Including $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, and $1\frac{1}{2}$ in. Best Cast Steel Solid Chisels, 3 Core Drifters, and 2 Screw Keys, and $\frac{1}{2}$, $\frac{3}{8}$, $\frac{1}{4}$, and $\frac{3}{16}$ in. Augers for Boring, and $\frac{1}{4}$ and $\frac{3}{8}$ in. Cast Steel Drills	20 : 10 : 0
Instead of ordinary Chisels, but with Self-coring Chisels, same sizes as above, also Augers and Drills as above (no Core Drifters)	22 : 10 : 0
Boring Apparatus fitted, with Pulleys for Power... extra	1 : 10 : 0
Tenoning Tool	2 : 0 : 0

Weight of Machine,
complete with Boring Apparatus,
7 cwt. 2 qrs.



Will take in wood 12 in. by 12 in. Will mortise 12 in. deep.

Free on Rail at Works. $7\frac{1}{2}$ per cent. extra f.o.b. Liverpool; 5 per cent. extra f.o.b. London.

Tool, Machine, and Hardware Merchants and Manufacturers.

Rd. MELHUISE, Ltd., Fetter Lane, Holborn Circus, London, E.C. 285
Patent Chain and Hollow Chisel Mortising Machine.

No. 2030W.

Worked with Patent Drive (no Gear Wheels or heavy Weights), whereby the highest efficiency without noise is obtained. No countershafting being required, a saving of up to 10 ft. of floor space is effected.

This Machine is well and strongly made, and its Frame is of heavy section and cast in one piece. It is small, compact, and capable of doing the work of, and in less time than, the largest Automatic Machines. It is the easiest to work, the quickest to handle, and can be operated by an intelligent lad.

The Slide carrying the Chain has a full stroke of 12 in., and is brought down to the wood by the Hand Lever working on a patent Centre Motion principle. This enables the operator to feel his work and feed according to the nature of the wood.

All bearings are extra long and self-oiling; they require but little attention and use the same oil over and over again.

Hollow Chisel Arrangement.

Owing to the limitations of the Standard Chain Cutters, i.e. $1\frac{1}{2}$ in. in length, the Hollow Chisel is employed to make small mortises for sashes, cabinet work, etc. These are cut by means of a revolving auger running inside a square hollow chisel while the worm motion of the auger brings the chippings rapidly away through the side and top of chisel. This arrangement is quite independent of the chain cutters, and can be used for ordinary boring by substituting a boring bit for the hollow chisel and auger.

Takes in Wood 12 in. deep by 9 in. wide.

Will Mortise from $\frac{1}{4}$ in. to 1 in. wide and up to 6 in. deep.

Price of Complete Machine for Chain Cutter and Hollow Chisel Mortising, and including one $\frac{1}{2}$ in. Mortise Chain, Guide Bar and Sprocket, and one $\frac{1}{2}$ in. Square Hollow Chisel and Auger, Suction Fan, Improved Chain Sharpening Machine attached to Frame, and Set of Sprocket Handles and Spanners. Weight 11 cwt. £39 : 5 : 0
 As above, but with Chain Sharpening Machine supplied loose to fix on a Bench £37 : 10 : 0

No. 2031W. The Illustration shows the **DRIVING BELT** used in the above Machine. It runs in V-shaped pulleys, and consists of a combination of **Leather** and **Steel Links**. The leather only comes in contact with the pulley, and the internal steel links supply the strength. The Belt is of enormous strength, yet flexible, and is practically unbreakable and indestructible.



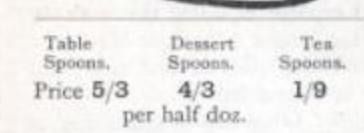



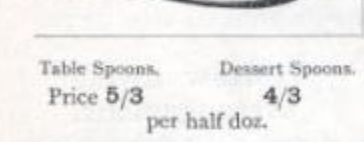



Price 25/6

Orders of 20/- and upwards Carriage Paid (with few exceptions).

MELHUISH'S "Carlton Silver" Spoons and Forks, etc.

These Forks and Spoons are made in only one quality, namely, the best. They have a beautiful White Colour throughout, equal in appearance to Sterling Silver. Their wear is practically everlasting. Fiddle or Old English, same prices.

			No. 2032W.			Table Forks. Price 5/3	Dessert Forks. 4/3 per half doz.
			No. 2033W.				
Table Spoons. Price 5/3	Dessert Spoons. 4/3	Tea Spoons. 1/9					
per half doz.							
			No. 2034W.			Table Forks. Price 5/3	Dessert Forks. 4/3 per half doz.
			No. 2035W.				
Table Spoons. Price 5/3	Dessert Spoons. 4/3						
per half doz.							

MELHUISH'S "Carlton Silver" Spoons, Forks, etc. (Electro-Plated).

Table Spoons and Forks ...		12/6 per half dozen.	Tea Spoons and Forks ...		5/- per half dozen.
Dessert " " " ...		9/6 " "	Egg, Salt, and Mustard Spoons ...		4/9 " "

Bread Knives with Carved Whitewood Handles.

No. 2037W.



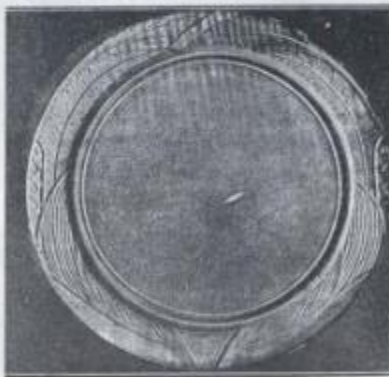
Of the best Sheffield manufacture.

Price ... 1/- 1/6 2/- 2/6 3/6 each.

Sycamore Bread Platter. No. 2038W.
11 in. ... 1/- each. | 12 in. ... 1/3 each.



Sycamore Bread Platter. No. 2039W.
11 in. ... 1/6 each. | 12 in. ... 2/- each.



Sycamore Bread Platter. No. 2040W.
11 in. ... 2/3 each | 12 in. ... 2/6 each.



Those ordering through Shippers should give definite instructions that the Goods be ordered *direct from us*. They may then rely on receiving the patterns and quality specified in our Catalogue.



Our Showrooms at 143, Holborn Bars, E.C., will be found replete with all the leading and most up-to-date examples of High-Class Cutlery. A visit of inspection is cordially invited.

RICHARD MELHUISH, Ltd., London, E.C.

A large and varied Stock of Engineers' Tools and Motor Accessories.

Melhuish's High-class Sheffield Table Cutlery.



Ivory and Ivoride Handled Table and Dessert Carvers and Steels.

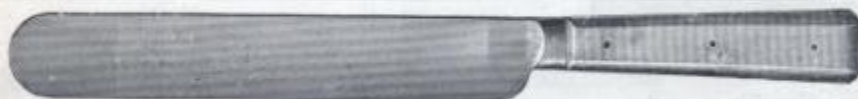
	Dessert Knives.	Table Knives.	Carvers.	Game Carvers.	Steels.
No. 2041w. Ivoride Handles, Grained ...	6/6 per $\frac{1}{2}$ doz.	7/6 per $\frac{1}{2}$ doz.	6/6 per pair.	5/6 per pair.	1/9 each
" 2042w. Ivoride Handles, balanced and edge pinned ...	8/- "	9/6 "	7/6 "	6/6 "	2/6 "
" 2043w. Oval Ivoride Handles, balanced and edge pinned ...	9/- "	10/6 "	7/6 "	6/6 "	2/- "
" 2044w. Real Ivory Handles, balanced and edge pinned ...	12/6 "	19/6 "	13/6 "	11/6 "	3/6 "

White Bone Handled Table and Dessert Knives.



Warranted
Best Quality.

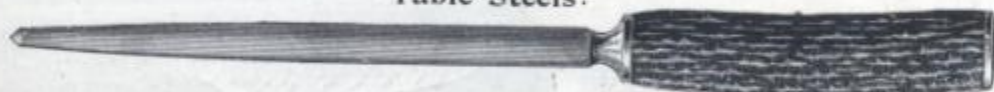
No. 2045w. Dessert Knives, 4/- Table Knives, 5/- per $\frac{1}{2}$ doz.
" 2046w. Edge pinned, Dessert Knives, 5/6 Table Knives, 7/- per $\frac{1}{2}$ doz.



Three-pin White Bone or
Black Horn Handled Table
and Dessert Knives.

No. 2047w. Dessert Knives, 3/- Table Knives, 3/3 per $\frac{1}{2}$ doz. Fully
" 2048w. Dessert Knives and Forks, 5/3 Table Knives and Forks, 5/9 per $\frac{1}{2}$ doz. Warranted.

Table Steels.



No. 2049w. Stag Handle, 1/6 each.

No. 2050w. Stag Handle with German Silver Ferrule and Cap, 2/- each.



No. 2051w. Fluted and Polished Table Steel, Imitation Ivory Handle, 3/- each.

" 2052w. Plain Table Steel, 1/9. Imitation Ivory Handle, 2/-, 2/6. Real Ivory Handle, 4/-, 4/6, 5/- each.

Improved Wheel Knife Sharpeners.



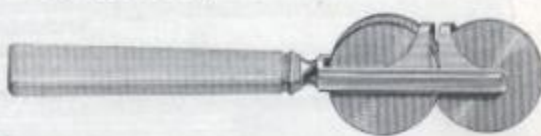
No. 2053w.

6-Wheel Knife Sharpener.

Stag Handle ... 2/6 each.
Imitation Ivory ... 3/- "
Ivory ... 4/3 "



No. 2054w.
Bronze Metal, with
6 Wheels, 3/3 each.



No. 2055w.

Stag Handles ... 4/6 each.
Imitation Ivory ... 4/9 "
Ivory ... 6/6 "

Contractors to the Home, Indian, and Colonial Governments.

Carving Knives, Forks and Steels.

Meat or
Game
Carvers
same
Prices.



No. 2056w. **Carving Knives and Forks.**
Imitation Ivory, 6/6; Ivory, 13/6 per pair.

No. 2057w. **Steels.**
Imitation Ivory, 2/-; Ivory, 4/6 each.

No. 2058w. **Stag Handles.**
Stag Handle, 8 in. Blade 3/6; 9 in. Blade 4/6 per pair
Best ditto " " 5/-; " " 6/-
Best ditto with German Silver Ferrules and Caps
8 in. Blade 6/-; 9 in. Blade 7/- per pair.

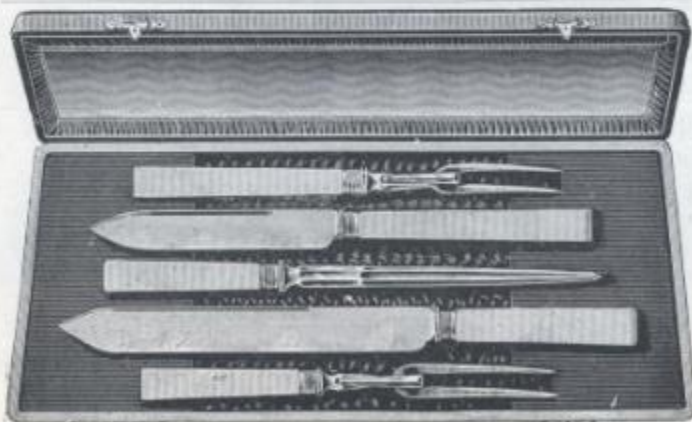
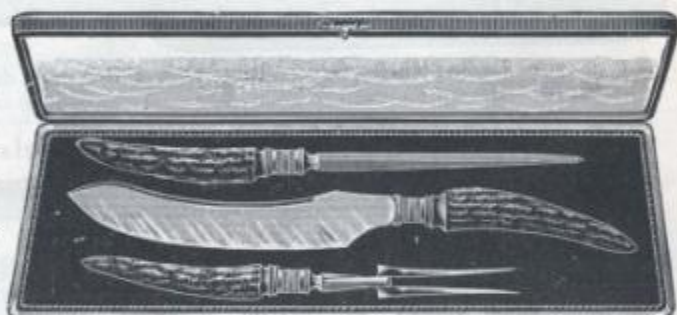


Best Sheffield Table Cutlery. In Velvet-lined Cases with Silk Cushions.

No. 2059w.
Containing 1 pair Imitation Ivory Handle Meat Carvers
with Steel to match:
Price, complete ... 12/6 per case.
With Real Ivory Handles:
Price, complete ... 19/6 per case.

Best Sheffield Table Cutlery. In Velvet-lined Cases with Silk Cushions.

No. 2060w.
Containing 1 pair Meat Carvers and Steel:
Stag Handles ... 10/6 per case.
Walrus Point with Electro-Plated Ferrules ... 31/6
Containing 1 pair Meat Carvers, 1 pair Game Carvers
and Steel:
Stag Handles ... 17/6 per case.
Walrus Point with Electro-Plated
Ferrules ... 48/-

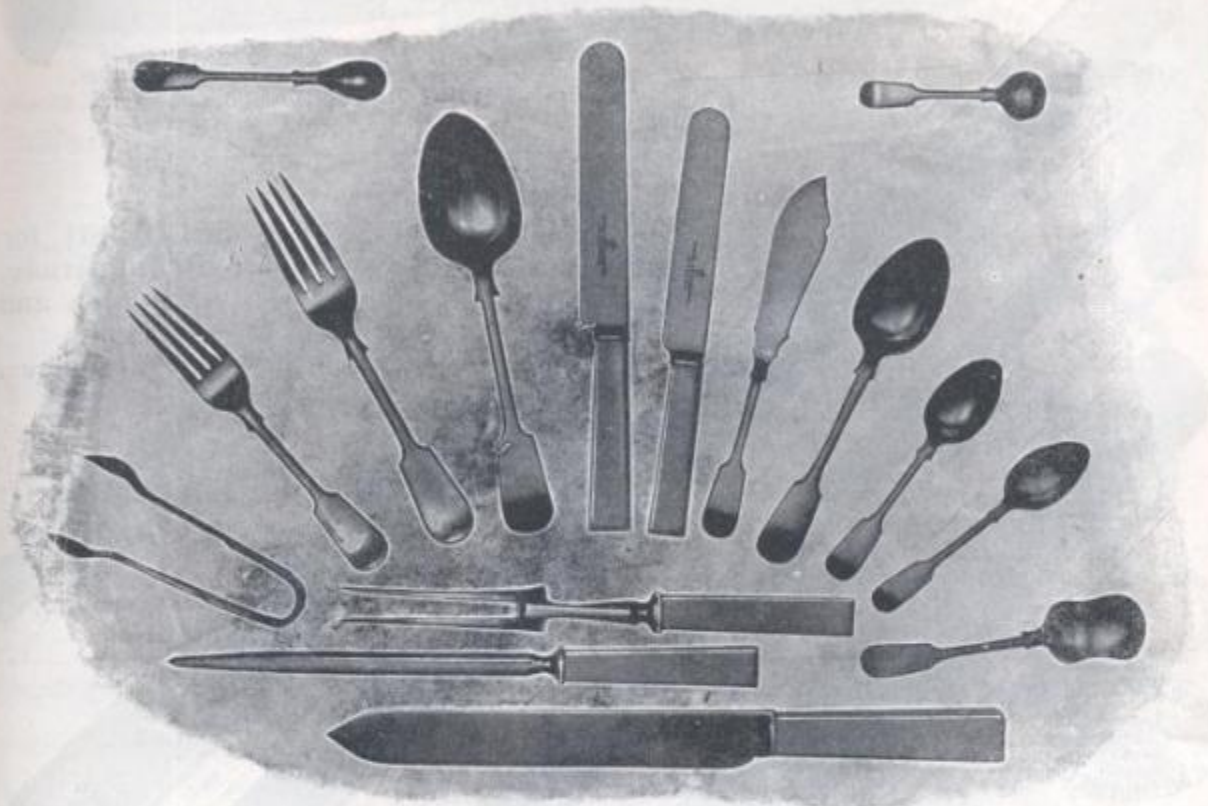


Best Sheffield Table Cutlery. In Velvet-lined Cases with Silk Cushions

No. 2061w.
Containing 1 pair Meat Carvers and Steel:
Imitation Ivory Handles ... 12/6 per case.
Real Ivory Handles ... 21/-
Stag Handles, Silver Mounts ... 12/6
-- [Containing 1 pair Meat Carvers, 1 pair Game
Carvers and 1 Steel:
Imitation Ivory Handles ... 22/6 per case.
Real Ivory Handles ... 34/6
Stag Handles, Silver Mounts ... 19/9

Bronze Medal, 1884.—Gold Medal, 1890.

Melhuish's "Carlton" Cutlery. Known all the World over.



No. 2062W.

52 Pieces in Box, all Complete as follows:—

6 Table Knives, with Ivoride Handles.	6 Carlton Silver Dessert Forks.	2 Carlton Silver Salt Spoons.
6 Dessert " " " "	6 " " " Spoons.	1 " " Mustard Spoon.
1 Pair Carvers " " "	2 " " Table " "	1 Pair Carlton Silver Sugar Tongs.
1 Steel, with Ivoride Handle.	6 " " Tea " "	1 Carlton Silver Sugar Spoon.
6 Carlton Silver Table Forks.	6 " " Egg " "	

Price complete ... 31/- in Strong Box.

Butter Knife 1/- extra.

The Spoons and Forks are our celebrated "Carlton" Nickel Silver table ware, and are equal to Sterling Silver in appearance. Their wear is practically everlasting.

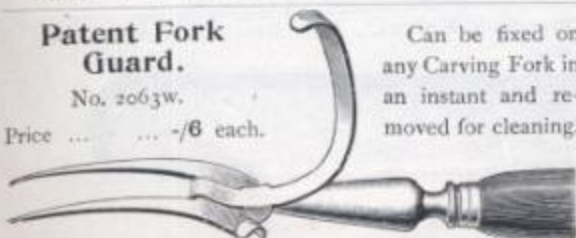
Every Set bears our regular guarantee of quality. Order direct (we have no agents). Cutlery Catalogue on application.

Note.—The above Set can be increased or reduced to suit the requirements of our customers.

Patent Fork Guard.

No. 2063W.

Price ... -/6 each.



Can be fixed on any Carving Fork in an instant and removed for cleaning.

Goddard's "Non-Mercurial" Plate Powder.

No. 2064W.



Price ... 1/- per packet.

Tool, Machine, and Hardware Merchants and Manufacturers.

No. 2065w. Best Sheffield Made French Cooks' Knives.
 5 in. 1/3; 6 in. 1/6; 7 in. 1/9; 8 in. 2/-; 9 in. 2/6; 10 in. 3/-; 12 in. 4/- each.
 No. 2065w. French Make, Warranted.
 5 in. -/8; 6 in. -/9; 7 in. 1/-; 8 in. 1/1; 9 in. 1/3; 10 in. 1/6 each.

No. 2066w. Cooks' Forks. Of the Best Forged Steel with Two Prongs.
 6 in. 1/-; 7 in. 1/3 each.

No. 2067w. Bacon or Household Knives. With Blade of Special Fine Temper. Elony Handles, 3 Rivets.
 6 in. 1/-; 8 in. 1/3; 10 in. 1/9; 12 in. 2/9 each.

No. 2068w. Best Sheffield Made Ham Knife. With Buffalo Horn Handles, 9 in. 2/9; 10 in. 3/3; 12 in. 3/6 each.

No. 2069w. Butchers' Steels. With Stag Handles, 9 in. 2/6; 10 in. 2/9; 12 in. 3/3 each.

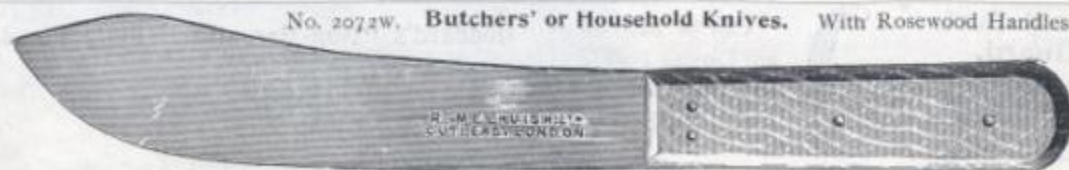
No. 2070w. Beef Slicer. With 12 in. Blade of Special Fine Temper. Price 3/- each.

Cooks' Forks with Guards.
 No. 2071w. Strong make with Guard and special Hardwood Handle, 6 in., 1/3 each.

No. 2072w. Butchers' or Household Knives. With Rosewood Handles.

OUR WATCHWORD
 QUALITY
 R. MELHUISH, LTD.

All the Goods shown on this page are warranted to be of the Best Sheffield Manufacture and are thoroughly reliable in material, temper, and finish.
 RICHARD MELHUISH, Ltd., London, E.C.



Price $\frac{5}{-7}$ $\frac{6}{-10}$ $\frac{7}{-11}$ $\frac{8}{1/1}$ $\frac{10}{1/5}$ $\frac{12 \text{ in.}}{2/4 \text{ each.}}$

Orders of 20/- and upwards Carriage Paid (with few exceptions).

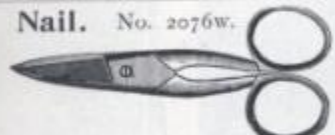
Embroidery.



No. 2074W.

Length ... 3½ 3½ 3½ in.
Price ... 1/3 1/6 1/9 each.

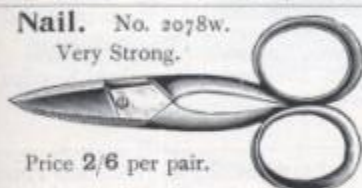
Nail. No. 2076W.



Price ... 1/- 1/3 and 1/6 each.
Bent Nail 2/- 2/6 3/- 3/6 "

Nail. No. 2078W.

Very Strong.



Price 2/6 per pair.

Nail. No. 2079W.



Hammered Bows. Sheffield's Best.

Price 3/- 3/6 per pair.

Cutting-Out. No. 2081W.



Length 4 4½ 5 5½ 6 6½ 7 8 in.
Price -/10 -/11 1/- 1/3 1/6 1/9 2/- 2/6 each.

Scissors.

All of the best
Warranted
Quality.



Cases of Scissors in French Morocco, Silk-lined Cases.

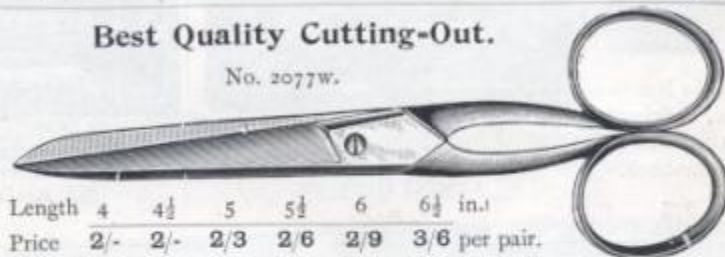
No. 2075W.

Complete with ...	2	3	4 Scissors.
No. 1. Plain Bows	3/3	4/6	6/- per case.
" 2. Fancy "	4/3	6/-	8/- "
" 3. Plain "	4/-	6/6	8/6 "
" 4. Fancy "	6/-	8/6	10/6 "



Best Quality Cutting-Out.

No. 2077W.



Length 4 4½ 5 5½ 6 6½ in.
Price 2/- 2/- 2/3 2/6 2/9 3/6 per pair.

Cutting-Out. No. 2080W.

Hammered Bows.



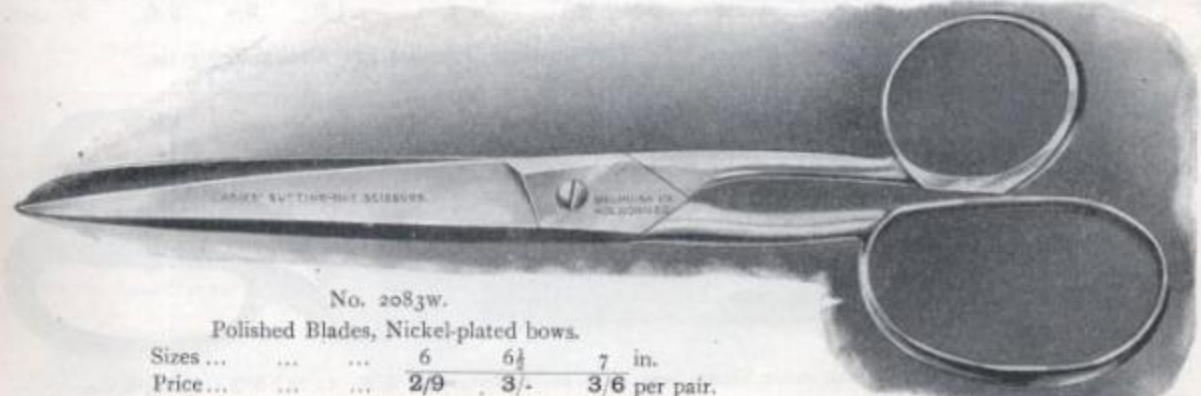
Sheffield's Best.

Length 4 4½ 5 5½ 6 6½ in.
Price 3/- 3/- 3/6 4/- 4/6 5/- per pair.

Heavy Cutting-Out. No. 2082W.



Length ... 6 7 8 9 10 11 12 in.
Price ... 1/- 1/3 1/9 2/6 3/9 5/- 6/9 each.



No. 2083W.

Polished Blades, Nickel-plated bows.

Sizes ... 6 6½ 7 in.
Price ... 2/9 3/- 3/6 per pair.

A large and varied Stock of Engineers' Tools and Motor Accessories.

Leather Needle Case.

No. 2084w.



Contains Needles,
Knife, Scissors,
Stiletto, and
Buttonhook.

3/6

Leather Needle Case.

No. 2085w.



Contains Needles, Knife, Scissors,
Crochet Hook, etc.

5/-

Roan Case, lined Satin and Plush.

No. 2086w.



Contains 1 pair 4½ in. Scissors, Button-
hook, and Stiletto, Thimble, Bodkins,
Silk Reels, and Needles.

6/9

Small Leather Case.

No. 2087w.



Contains a useful
assortment of
Household Needles.

1/-

Set, No. 2088w.

In Leather Case, lined Velvet and
Satin, and contains Satinwood Box
and Polisher, Nail Cleaner
and Brush, and 1 pair Glazed
Nail and Mani-
cure Scissors.

All White
Fittings, 12/-

All Ebony
Fittings, 12/-

If all Ivory
Fittings,
Polished Nail
and Bent Mani-
cure Scissors,
22/6

**Set, No. 2089w.**

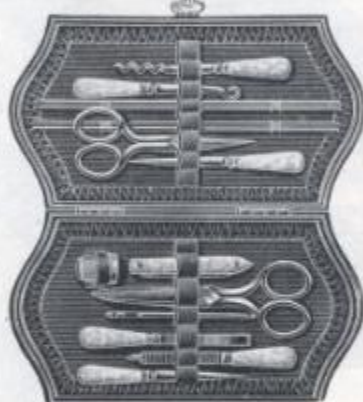
In Leather Case, lined Silk and Plush,
and contains 1 pair
4½ in. and Embroidery
Scissors, Pearl Knife
and Screw, Button-
hook, Stiletto, Crochet
Hook, Nail File and
Tweezers, Bodkin,
Thimble, and Knitting
Needles.

Size when closed :

7½ × 4½ in.

Price with White
Fittings :

10/- complete.

**Office and Paper-Cutting Scissors.**

No. 2090w.



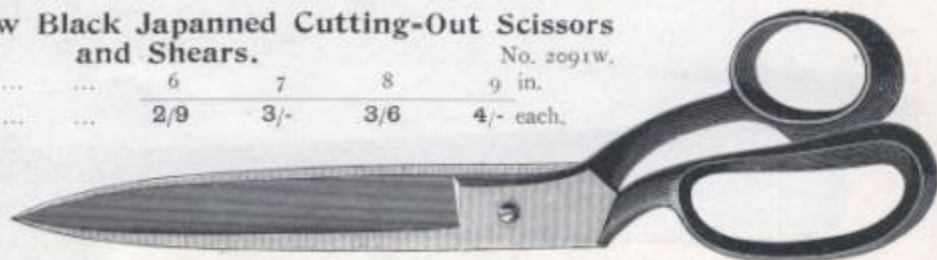
Length ...	7	8	9	10 in.
Price ...	1/9	2/-	2/6	3/- each.

Button Hole and many other pattern Scissors are also sold by us.

Large Twisted Bow Black Japanned Cutting-Out Scissors and Shears.

No. 2091w.

Length ...	6	7	8	9 in.
Price ...	2/9	3/-	3/6	4/- each.



No. 2092w. Heinisch's American-made Shears, length, 10 in., 4/3; 11 in., 4/9; 12 in., 5/3; 13 in., 6/- each.

Contractors to the Home, Indian, and Colonial Governments.

Pocket Cutlery of the Finest Manufacture. ¹⁸⁸⁸ Warranted.



No. 2093w.

3 Blade, Stag or Ivory.
Price 2/6 each.

A general favourite.

2 Blade, full size, in
Ivory, Stag, or Metal
Handle.

Price 1/- each.

If with 3 Blades,
price 1/9 each.



No. 2094w.

No. 2095w.

Single Bladed Ivory or Stag Handle.
Price ... 1/- each.



No. 2098w.

Platinoid
Handle.

Price 7/9 each.

Ivory Handle.

Price 9/6 each.

Pearl Handle.

Price 10/6 each.



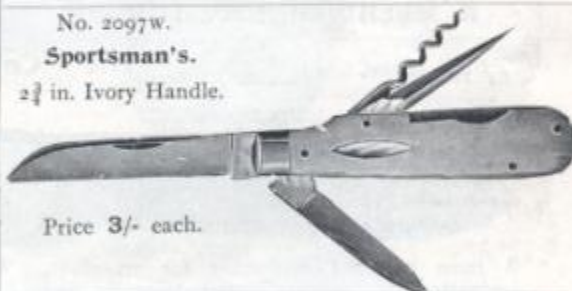
No. 2096w.

Buffalo Horn, Bone, or Stag Handle, 2 Bladed.
Price 1/- each.

No. 2097w.

Sportsman's.

2 1/4 in. Ivory Handle.



Price 3/- each.

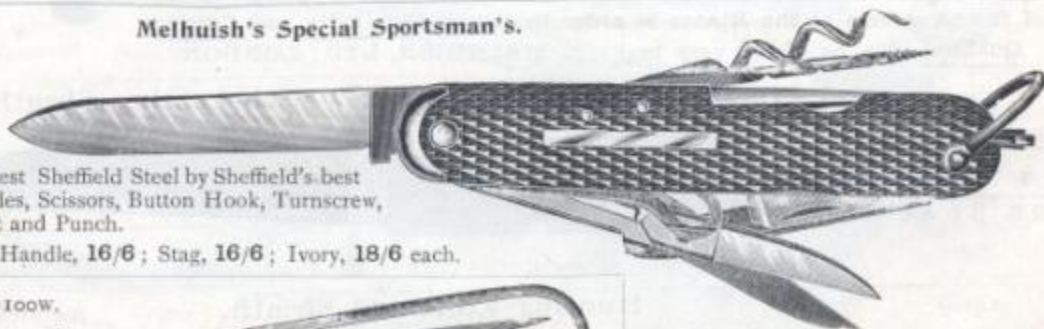
World Renowned for Sterling Quality and
Good Value.

Melhuish's Special Sportsman's.

No. 2099w.

Made of the finest Sheffield Steel by Sheffield's best
workmen. 2 Blades, Scissors, Button Hook, Turnscrow,
Corkscrew, Gimlet and Punch.

Price, Chequered Handle, 16/6; Stag, 16/6; Ivory, 18/6 each.



No. 2100w.

Sportsman's.

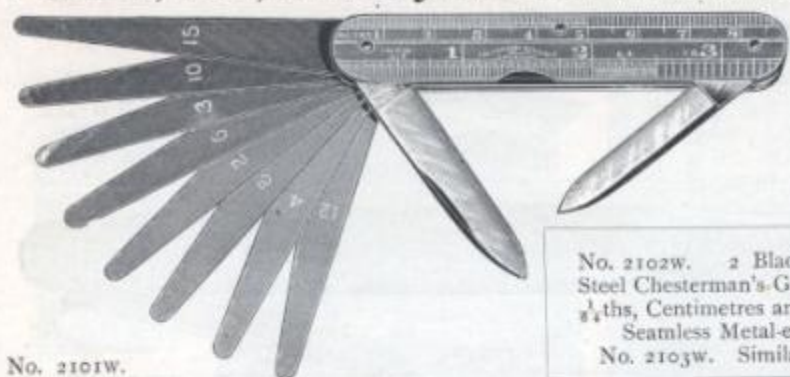
Stag Handle. Price 3/9 each.
Similar Patterns.

Price 4/6, 5/6, and 6/6 each.
From 6 to 12 Instruments.



Bronze Medal, 1884.—Gold Medal, 1890.

294 **Rd. MELHUISE, Ltd., Fetter Lane, Holborn Circus, London, E.C.**
Pocket, etc., Cutlery of the Finest Manufacture. Warranted.



No. 2101W.

Steel Rule Knife, Chesterman's Guaranteed Scales and Feelers. Feelers 2, 3, 4, 6, 8, 10, 12, 15 thousandths of an inch. Price 6/9 each.

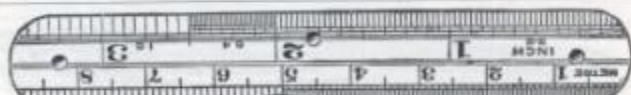
Motor Knives for advertising purposes a speciality.
 Quotations on application.

A visit of inspection is invited to our Show Rooms, 143, Holborn Bars, where may be seen one of the finest stocks of Cutlery in the Kingdom.

R. MELHUISE, LTD., LONDON.



No. 2102W. 2 Blades and Nickel-Plated Steel Chestman's Guaranteed Foot Rule, divided $\frac{1}{8}$, $\frac{1}{4}$, $\frac{1}{2}$ and $\frac{3}{4}$ ths, Centimetres and Millimetres. Each Knife is supplied in a Seamless Metal-edged Pig-skin Sheath. Price 5/9 each.
 No. 2103W. Similar to above, without case. Price 3/- each.



No. 2104W. Bright Steel Rule Knife, Chesterman's Guaranteed Steel Rules. Price 2/- each. Similar to illustration.

No. 2105W.
Motor Knife.

Nickel Handle, not rule marked, with 1 Blade and Sparking Plug File. Price 1/6 each.

No. 2106W.

The "Colonial."



A most useful Combination for travellers, explorers, etc. Strong metal handles, first quality throughout. 18/6 each.

Apart from the material and finish of our Cutlery, we make a special feature of the tempering of the Blades in order that their Reliability and Cutting Qualities may be of the very best. **R. MELHUISE, LTD., LONDON.**

No. 2107W.

Dagger or Hunting Knife with Leather Sheath.

Length of Blade.
 5 6 7 in.
 2/6 3/6 4/6



Length of Blade.
 8 9 10 in.
 5/6 7/- 9/6

A variety of other patterns always in stock.

Hunting Knife and Sheath.

No. 2108W.



8 in. Polished Bowie Blade. Can be used locked at half length, and locked full length. Chequered Buffalo Handle, in Leather Sheath. Price 15/6 each.

Tool, Machine and Hardware Merchants and Manufacturers.

Pocket Cutlery of the Finest Manufacture. Warranted.

No. 2109W.

Sportsman's, 2 Blades,
Buttonhook, Turnscrow, Leather
Punch, Corkscrew, etc.



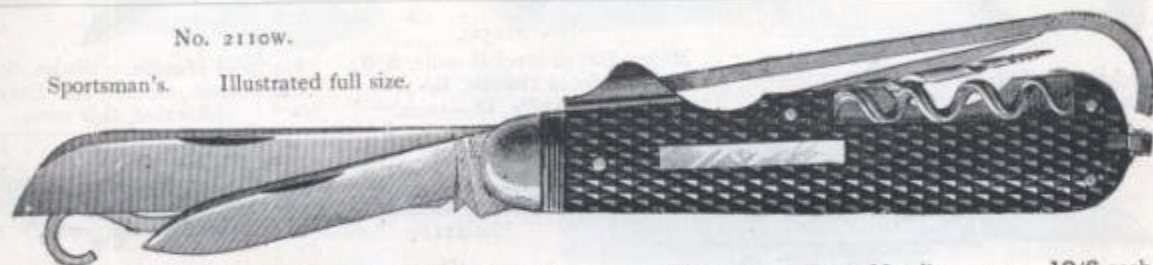
Ivory Handle.
Price 12/6

Stag Handle.
Price 10/6

Chequered Handle.
Price 10/6

No. 2110W.

Sportsman's. Illustrated full size.



Chequered Horn Handle ... 8/6 each. Stag Handle ... 9/6 each. Ivory Handle ... 10/6 each

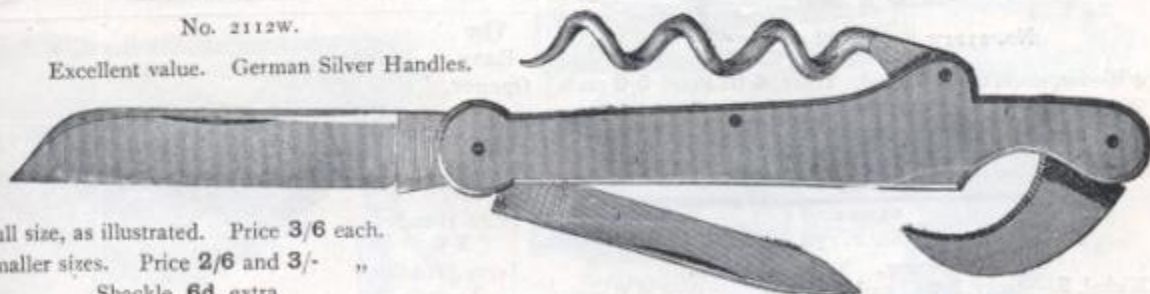
No. 2111W.



Strong useful Com-
bination.
German Silver
Handles.
Price 7/6 each.

No. 2112W.

Excellent value. German Silver Handles.



Full size, as illustrated. Price 3/6 each.
Smaller sizes. Price 2/6 and 3/-
Shackle, 6d. extra.

No. 2113W.

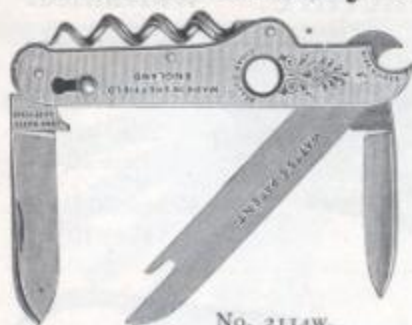
Sportsman's or Fisherman's,
Strong, German Silver Handles.
Price 13/6 each.



World-
Renowned
for
Sterling
Quality
and
Good
Value.

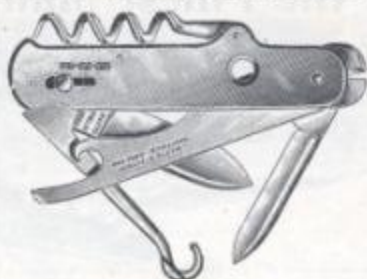
Orders of 20/- and upwards Carriage Paid (with few exceptions)

Pocket Cutlery of the Finest Manufacture. Warranted.



No. 2114W.

Nickel-Plated Steel Handle, 4/6; Platinoid Handle, 5/6; Silver Handle, 16/6 each.



No. 2115W.

Nickel-Plated Steel Handle, 5/6; Platinoid Handle, 6/-; Silver Handle, 18/- each.



No. 2116W.

Platinoid Handle, 2 Blades, Scissors, Buttonhook, Gimlet, and Corkscrew, shackled, 6/9 each.

Ladies' Chatelaine Knife.



No. 2117W.

In Silver, 7/-; Ivory, 5/-; Pearl, 6/- each.



No. 2118W.

Champagne Knife. German Silver.

Length, 3 in., 3/3; 3 1/2 in., 3/6 each.

No. 2119W. Sterling Silver, shackled. Length, 3 in., 8/6; 3 1/2 in., 15/6 ea.



No. 2120W.

2 Blades, Buttonhook, Nail File on back. Ivory, 4/6; Pearl, 5/6; Silver, 7/6 each. 2 Blades only, German Silver, 1/6. Special value.

Combination or Smokers' Knife.



No. 2121W

With Silver Shackle, 12/6;

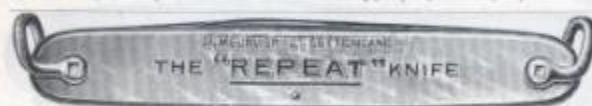
Gold ditto, 42/6 each.

A visit of inspection is invited to our Showrooms, 143, Holborn Bars, where may be seen one of the finest Stocks of Cutlery in the Kingdom.



No. 2122W.

4 Blades, sunk, inside milled: Ivory, 4/6; Pearl, 5/6 each.



CLOSED
No. 2123W.

Easy opening. No broken nails. Nickel, 2/-; Ivory, 3/6; Pearl, 4/6; Tortoise-shell, 4/6 each.

The Easy Opener.

White Metal Handles, 1/6, 2/-;

Horn Handles, 2/6;

Ivory Handles, 3/- each.



No. 2124W.



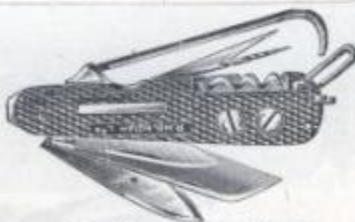
No. 2125W.

Platinoid, Flush Pins, 2 Blades, 1/3 each.

The Active Service Knife.

No. 2126W.

Chequered Horn Handle, 2 Blades, Tin Opener, Leather Punch, Gimlet, Corkscrew, Horse Hook, Picker, and Tweezer, also 2 loose Trace Screws and Nuts, shackled, 15/6 each.



No. 2127W.

Platinoid Handle, 2/6; Ivory Handle, 3/3; Silver Handle, 8/6 each.

A large and varied Stock of Engineers' Tools and Motor Accessories.

Pocket Cutlery of the Finest Manufacture. Warranted



No. 2128W.

	Ivory.	Stag.	Pearl.	Tortoise Shell.
2 Blades	1/-	1/-	2/-	2/- each.
Joseph Rodgers' make	1/9	1/9	3/-	3/- "



No. 2129W.

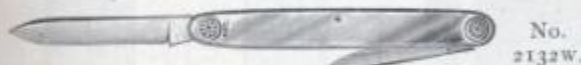
	Ivory.	Stag.	Pearl.	Tortoise Shell.
2 Blades	1/6	1/6	3/6	3/6 each.
Joseph Rodgers' make	2/9	2/9	4/-	4/- "



No. 2130W.

	Ivory.	Stag.	Pearl.	Tortoise Shell.
3 Blades	2/-	2/-	3/-	3/- each.
Joseph Rodgers' make	2/6	2/6	3/6	3/6 "

The Automatic "Open Easy" Knife.



No. 2132W.

Can be opened or closed by sliding the button.

2 Blades, Nickel-Silver Handle. Price 1/9 each.



No. 2131W. Best Quality Corn Knife.
3 1/4 in. Handle. Price 1/9 each.



Boy Scouts' Knife.

With Lanyard

No. 2133W.

Nickel-Plated.

Price:

3 1/2 in. 1/6 ea.

4 1/2 " 1/9 "

No. 2133 1/2 W.

With Stag

Handle, 1/-

Yachting Knife, large size, with Blade and Marlinspike, 3/6



"Open Easy" Puzzle Knife.

No. 2135W.

Drawn Actual Size.

1 Blade, Nickel-Silver Handle.

Price ... 1/3 each.

Improved Rose Cutters and Holders.

No. 2136W.

After being cut the stem of the Flower is held by the Spring as illustrated. The notch at side is useful as a Wire Cutter.



PRICE:

Polished and

Nickel-Plated,

2/6 pair.

Flower Gatherer.

No. 2137W.

Attached to end of Stick or Cane, it is useful for cutting and holding Flowers out of ordinary reach.

Price 4/6



No. 2137W.

Police and other Whistles. Best make only.

No. 2138W.



Taxi Whistle.

Price 1/- each.

No. 2139W.



Very powerful

Price 2/6 each.

No. 2140W.



Metropolitan Police.

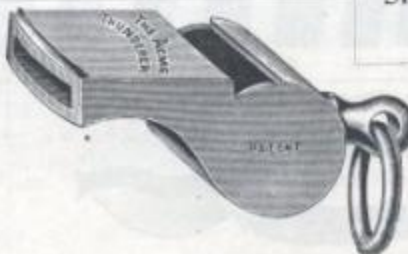
Price 1/- each.



No. 2141W.

Siren, complete with Wristlet.

Price 3/9 each.



No. 2142W.

The

"Thunderer" Whistle.

Price ... -/9, 1/- and 1/3 each.

Contractors to the Home, Indian, and Colonial Governments.

Horticultural Cutlery Department.

NOTE.—ALL GOODS WARRANTED TO BE OF THE BEST SHEFFIELD MANUFACTURE.



No. 2143W.

Pruning Knives.

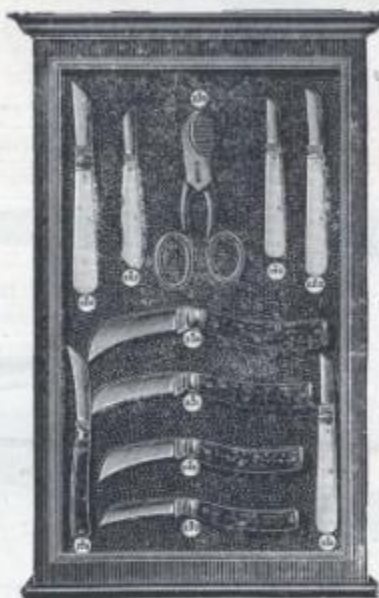
1 Blade, Chequered
Handle, 1/- each.
Ditto, Stag Handle
1/3 each.



No. 2144W.

Pruning Knives.

Stag Handle, Capped
End, 2/- 2/6 3/- each.
Ditto, Brass Capped
End, 3/6 & 4/- each.



For a varied and extensive selection of Horticultural, Farm, and Estate Appliances, see Section No. 16 of our Catalogue. A copy of this will be sent Post Free on application.

A visit of inspection is invited to our Showrooms at No. 143, Holborn, E.C., where may be seen one of the largest Stocks of Cutlery in the Kingdom.



Pruning Knives.

No. 2145W.

No.	Price.
A ...	2/3 each.
B ...	3/3 "
C ...	1/6 "
D ...	2/9 "
E ...	4/- "
F ...	2/6 "
G ...	3/3 "
H ...	2/9 "
I ...	1/3 "
J ...	1/4 "

All Warranted.



No. 2146W.

Budding Knives.

3 1/2 in. Ivory Polished
Blade. Price 2/-.
Cheaper Pattern,
1/- 1/3 1/6.



No. 2146 1/2 W.

Budding Knives.

4 in. Ivory Polished
Blade, 3/6 each.

In all our Cutlery special attention is paid to the tempering of the Blades in order to ensure their taking a keen and lasting edge.

R. MELHUISE, Ltd.

Steel Pruning Shears.

No. 2147W.



Length ...	6	7	8 in.
Price ...	3/-	3/3	3/9 each.

Steel Pruning Shears.

No. 2148W.



Length ...	7	8	9 in.
Price ...	3/6	4/-	4/6 each.

Bronze Medal, 1884.—Gold Medal 1890.

Best Quality Sheffield Razors. All Warranted.

We introduce these Razors as being made from the finest quality Sheffield Steel, made and finished by Sheffield best workmen. Neither quality nor workmanship can be surpassed.



No. 2149W.

Black Handles, Half Hollow Ground ... 1/- and 1/6 each.
 " " Hollow Ground ... 2/- " 2/6 "
 Extra Hollow Ground, as illustrated ... 3/- each.



No. 2150W.

"Express" Razors, warranted best quality and finish, full Hollow Ground, made with blades $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, or $\frac{3}{4}$ in. wide.
 Black Horn, 3/6; Ivory, 5/6 each, either width.



No. 2151W.

Melhuish's Celebrated "Carlton" Razor.

Full Hollow Ground.

	$\frac{3}{8}$ in. wide.	$\frac{1}{2}$ in. wide.	$\frac{5}{8}$ in. wide.	$\frac{3}{4}$ in. wide.
Price, Black Handle	4/6	4/6	4/6	4/6 each.
" Ivory "	6/6	6/6	6/6	6/6 "



No. 2152W.

Melhuish's Celebrated "Dispatch" Razor.

	$\frac{3}{8}$ in. wide.	$\frac{1}{2}$ in. wide.	$\frac{5}{8}$ in. wide.	$\frac{3}{4}$ in. wide.
Price, Black Handle	3/6	3/6	3/6	3/6 each.
" Ivory "	5/6	5/6	5/6	5/6 "

Best Quality Shaving Brushes.

Warranted.

No. 2153W.



Hat-shape Bone Stock :

No. 1 2 3 4

Price 1/- 1/3 1/6 1/9 each.

Hat-shape Bone Stock, Pure

Badger Hair :

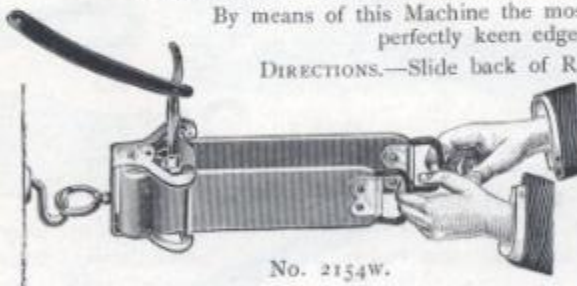
No. 2 3 4 5

Price 3/- 4/6 5/6 6/6 each.

Automatic Stropping Machine for Razor.

By means of this Machine the most inexperienced may produce a perfectly keen edge on his Razor.

DIRECTIONS.—Slide back of Razor Blade into Spring Clamp in centre of Frame, hook Machine to any convenient object, say the "Third Hand," as described below, then pull Strop to and fro half a dozen times or more. Care must be taken not to let Razor Handle come in contact with anything while stropping.



No. 2154W.

Price ... 12/6 each.
 Also made for Safety Razor Blades ... 7/6 "

"Third Hand" Drawer Hook Vice.

No. 2155W.

This clever device (weighing but 1½ oz.) can instantly and firmly be fixed in any drawer without injury to the furniture. It is then ready for holding Razor Strop, Ladies' Hair Switches, the points of Hair Pins for curls, Fish-Hooks for repairing purposes, and forms a Hand-Vice for making flies, Thread for threading beads, Wet Films and Photos, the ends of netting in the making, wire for working, plaiting, securing a small dog to dressing table, hanging up clothes, cleaning chains and jewellery, cleaning or whitening belts, etc. As a Hand-Vice it forms a valuable tool for Cyclists, Motorists, Fishermen, and others.



PRICES (Plated and in handsome Presentation Cases):

Hook only	1/-	Hook and Vice, as illustration	2/-
Hook and Vice in Special Case de Luxe	3/-		

Tool, Machine, and Hardware Merchants and Manufacturers.

Razor Stropps.



No. 2156W.

Black Horsehide and Canvas.
Padded Handle.

Length, 22 x 2 in.

Price 9 each.

No. 2157W.

Black Horsehide and Canvas Stropps.

Price 1/- and 1/6 each.



No. 2158W.

Best Quality. London made.
Horsehide. Padded Handle.

Price 2/6 and 3/6 each.



No. 2159W.

Best Quality. London made.
Fine Black Hide. Padded
Handle.

Price ... 1/- each.



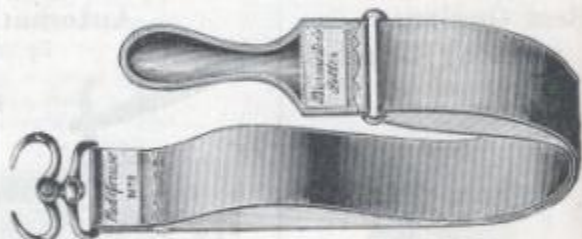
No. 2160W.

Genuine Russia Leather, with
Patent Canvas and Padded
Handle.

Length of Leather, 17 x 2 in.

Price ... 3/- each.

Carborundum Razor Stropps.

No. 2161W. Size 2 1/2 x 24 in. A light-weight, genuine, selected
Horsehide; has the ordinary Handle, and is trimmed with
Nickel Wire hardware. List price ... 3/3 eachNo. 2162W. Size 2 x 22 in. Plain Black Horsehide Strop, Cut
Handle, Metal Eyelet Holder. List price, 2/3 each.No. 2163W. Size 2 1/2 x 24 in. Same as Strop No. 2162W.,
excepting as to size. List price ... 2/9 each.No. 2164W. Extra heavy Velvet Hide Leather and Pre-
pared Canvas. Superior finish throughout. Length
over all, 25 in. Price 2/6 each.

No. 2165W.

Satinwood Polished Handle, Best Goat-
skin, Straight Grain, French Morocco
Leather Case.

Size ... 14 16 18 in.

Price .. 2/6 3/- 3/6 each.



No. 2166W.

Flat Fancy Leatherette
Case, Goat Leather.

Length, 16 in. 2/3 each.

" 18 " 2/9 "



No. 2167W.

**Kemikol.** Contains no Emery or gritty substance,
and leaves the Razor ready for shaving. This Strop
finishes as it goes and requires no dressing.

Price 1/9 each.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

Hair and Beard Clippers.

Owing to the highly finished make of each part of this clipper, and to the groove in the lower set of teeth, it is possible to obtain the closest cut ($\frac{1}{32}$ of an inch or less) one can imagine. In fact, any one not possessing a very strong beard can use it entirely in place of a razor.

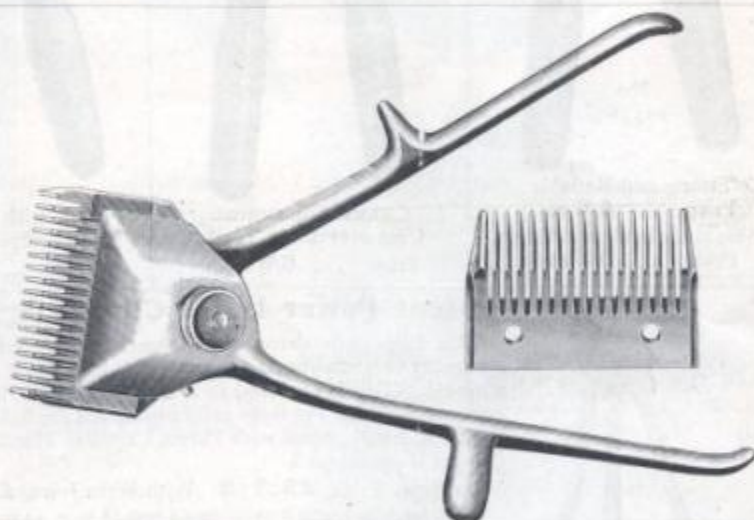
Its simple construction readily permits of its being taken to pieces for the purpose of cleaning the teeth, and the removal of these latter is quite easy, should it be necessary to change the spring.

Price complete in Box with 2 extra Springs	...	4/9
" extra Bottom Plate	...	1/9
" " Top	...	1/6



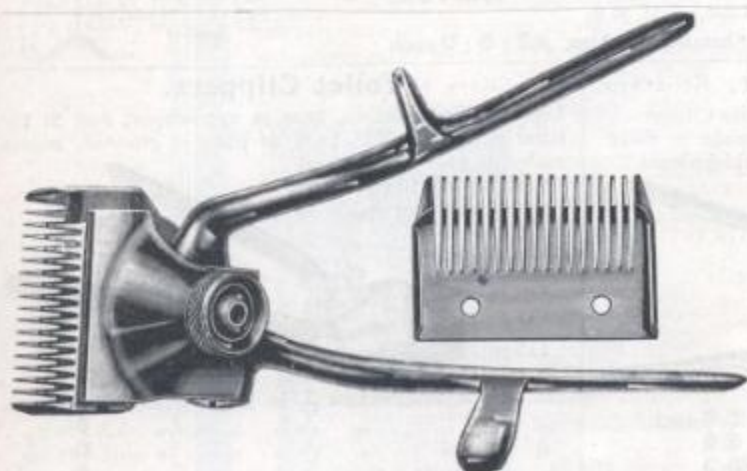
A most reliable Clipper of new design, each complete with one extra Spring.

No. 2169W. To cut $\frac{1}{8}$ in.	Price	...	3/6
" 2170W. With 1 Sliding Comb, cutting $\frac{1}{8}$ and $\frac{5}{16}$ in.	...	4/3	
" 2171W. With 2 Sliding Combs, cutting $\frac{1}{8}$, $\frac{5}{16}$, and $\frac{3}{8}$ in.	...	4/9	
Extra Bottom Plate	...	1/9	
" Top	...	1/6	



This Clipper is beautifully made. The ease of the cut and the smooth working of the "push-spring" make it quite a general favourite.

No. 2172W. To cut $\frac{1}{8}$ in.	Price	...	6/-
" 2173W. With 1 Sliding Comb, cutting $\frac{1}{8}$ and $\frac{5}{16}$ in.	Price	7/-	
" 2174W. With 2 Sliding Combs, cutting $\frac{1}{8}$, $\frac{5}{16}$, and $\frac{3}{8}$ in.	Price	8/-	
Extra Bottom Plate, to cut $\frac{1}{8}$ in.	"	1/9	
" " " " $\frac{1}{4}$ " "	"	2/9	
" " " " $\frac{3}{8}$ " "	"	3/-	
" Top Plate	...	2/-	



We warrant all goods bearing our name to be perfect, so far as material and workmanship are concerned. If a tool proves too soft, or breaks in consequence of a flaw in the steel, and is returned within a reasonable time from the date of purchase, a new tool will be given in exchange. If it is broken where the steel is sound it cannot be exchanged.—R. MELHUISH, LTD.

A large and varied Stock of Engineers' Tools and Motor Accessories.

Horse and Toilet Clippers (British Manufacture).

All these Designs are manufactured by the most efficient and up-to-date machinery from the finest materials obtainable. Their workmanship, finish, and reliability are warranted to be the most perfect that combined skill and experience can produce.

Horse Clipper.



No. 2175W.
Strong and Reliable.
Price ... 4/6 each.
Also made in cheaper finish.
Price ... 3/3 each.

Horse Clipper.



No. 2176W.
Centre Adjustment.
Cuts over three Teeth.
Price ... 6/9 each.

Horse Clipper.



No. 2177W.
Fitted with Grasshopper Springs.
Price ... 7/9 each.

Horse Clipper.



No. 2178W.
For Trimming Horses' Ears and Fetlocks, and for Dogs.
Price ... 6/6 each.

Patent Power Horse Clipper (Enclosed Gear Type).

This Clipper is driven by a mechanism consisting of a number of gear wheels so arranged that a great speed is attained. This is enclosed in a dust-proof gear box. All cogs are machine cut from solid metal, and the flexible shaft is 6 ft. in length, fitted with Patent Clipping Head. Every Clipper is guaranteed.

No. 2179W. Price, £2:7:6 With Wrist Joint, £1:17:6

When taken to pieces it packs into a case 18 in. x 14 in. x 8 in.
Total weight, 36 lb.

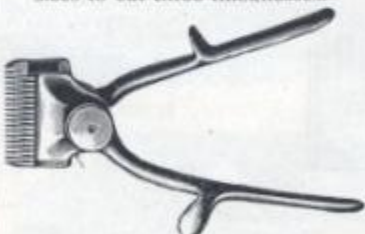
No. 2180W. Sheep Shearing Machine, £2:5:0 each.



All the Machines specified on this page are Warranted.

Toilet Clipper. No. 2181W.

A handy and popular Clipper. Nickel-plated, and made in three sizes to cut three thicknesses.



No. 0.	Close, to cut $\frac{1}{8}$ in.	Price ...	5/6 each.
" 1.	Medium "	" ...	3/6 "
" 2.	Long "	" ...	5/9 "
Sliding Combs	" $\frac{1}{16}$ " or $\frac{3}{16}$ in.	" ...	-/9 "

These can only be used with No. 1 size.

Extra Springs. Price ... 1/6 per doz.

Toilet Clippers.

Light in construction, neat in appearance, and fit the hand perfectly. The back of plate is grooved, moves smoothly over the skin and enters the hair freely. Very durable and not liable to get out of order.

No. 2182W.



No. 000	leaves the hair $\frac{1}{4}$ in. long.	Price ...	6/- each.
" 00	" "	" ...	6/- "
" 0	" "	" ...	6/- "
" 1	" "	" ...	6/- "
" 2	" "	" ...	7/6 "

Prices include Spare Spring with each Machine.

Extra Springs. Price ... 3/- per doz.

Contractors to the Home, Indian, and Colonial Governments.

The Celebrated Gillette Safety Razor.



KNOWN THE WORLD OVER

Our Showrooms at 143, HOLBORN BARS, E.C., will be found replete with all the leading and most up-to-date examples of High-Class Cutlery. A visit of inspection is cordially invited.

RICHARD MELHUISH, LTD., London, E.C.

No. 2183w.
Morocco Grain Case, Velvet lined, Triple Silver-Plated Razor, £1:1:0

No. 2184w.
Nickel-Plated Case, Velvet lined, Triple Silver-Plated Razor, £1:1:0

No. 2185w.
Real Seal or Pigskin Case, Velvet lined, Gold-Plated Razor £1:10:0



KNOWN THE WORLD OVER



The "Mikado" Safety Razor.

No. 2186w.

The Frame and Holder of this pattern are simple in design and mechanically perfect, there are no screws to regulate, and everything drops automatically into its place.

The complete Razor, with device for ordinary stropping, is sent out packed in a hand-somely decorated Enamelled Case, $2\frac{1}{4} \times 1\frac{1}{4}$ in.

Price, Nickel-Plated and complete with Blade of the finest Sheffield Steel, 3/6 each.

Extra Blades, 2/- each.

Post Free.

The Razor of the Twentieth Century.

Drawings are Full Size.

The "Mikado" Shaving Soap.

Specially made for use with this Razor.

1/- per Case.



Standard Combination Set. No. 2187w.

- No. A. Consists of Triple Silver-Plated Razor; Badger Hair Shaving Brush in Triple Silver-Plated Holder; Stick Gillette Shaving Soap in Triple Silver-Plated Holder; 2 Metal Blade Boxes, and 12 double-edged Blades; all contained in Seal Grain Leather Case ... £1:7:0
- No. B. Same as above; contained in Real Seal Case ... 1:13:0
- No. C. Same as above; contained in Pigskin Case ... 1:13:0
- No. D. Same as above; with Gold-Plated Razor and Fittings throughout ... 2:1:0

Bronze Medal, 1884.—Gold Medal, 1890.

Safety Razors, etc.



No. 2190w. Komet Safety Razor, with 6 blades, in Imitation Leather Case, 2 Nickel-plated Cases with Soap Stick and Brush ... Price complete 12/6



Silver Finish
Solid Steel Blade.
Price 1/- each.



No. 2192w. Tip-Top Safety Razor, Silver-plated, with 12 blades, dark red Imitation Leather Case, with 2 Nickel-plated Cases for Brush and Soap ... Price 15/6

No. A. With Black Case and Adjustable Mirror, 2 Nickel-plated Cases with Soap Stick and Brush ... 18/-

No. B. With Real Pigskin Case, with Mirror, Badger Brush, and Nickel-plated Case complete ... Price 25/-



No. 2193w. Tip-Top Safety Razor, 12 blades Imitation Buckskin, 2 Nickel-plated Cases and Tray, with Soap Stick and Brush ... Price complete 18/-

No. 2194w.
Holder for Sharpening Blades.
Price -/5



Packet of 5 for above Razor, price per packet... 1/-
Packet of 5 for Komet ... 1/3
" 10 " Tip-Top ... 2/6
" 10 " Nicolet ... 2/6



No. 2196w. Nicolet Safety Razor, with 12 blades in Airtight Nickel-plated Case, inside Gilt, blades in separate Metal Case ... Price 15/-

No. 2197w. Ditto, in Real Pigskin Case, Badger Brush, and Colgate Soap in Nickel-plated Case. 26/6

Tool, Machine, and Hardware Merchants and Manufacturers.

The Improved Gem Safety Razor.

No. 2198W.

Handy, Reliable, Extremely Compact, and British Made by British Labour.

Extra Blades,
1/6 each.



In tin case with one
Blade, 3/- each.



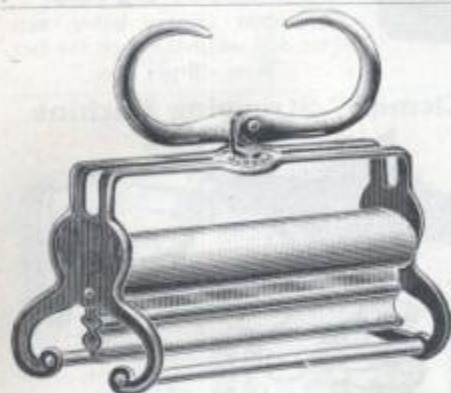
The adjustment for the Blade being rigid, it is impossible for the Razor to get out of order. The handle is divided into two parts—one screws into the frame, the other part will either fit on to that, or slot into the Blade holder, which is used for stropping and honing.

Patent Automatic Strop.

No. 2199W.

For giving a perfectly keen and easy shaving edge to Safety Razor Blades. A special feature of this design is the clever arrangement whereby that part of the strop against which the blade is presented assumes a convex surface, consequently the original curvature of the edges of the blades is maintained. Impossible to cut strop during manipulation if directions are carried out.

Price,
Silver-Plated, and
with finest
Pigskin Strop,
7/6



No. 2200W.

The "Osmond" Safety.

An excellent Razor,
nicely finished and
nickel-plated.

Price, with 3 Blades,
2/6

Gillette blades can be
used with this pattern.

Price, 3/- per doz.

-Shaving Stick.



No. 2201W. Price 1/.

Hand Stropping Machine.

No. 2202W.

Suitable for Gillette and
other blades, nicely
nickel-plated,
with black
handle.

Price 3/-

Strop,
1/- extra.



Improved Pattern Poultry Carver.

Price, Silver-plated ... 5/6 full size; 4/6 small size.

Awards for

Bronze Medal, 1884.

Excellence.

Gold Medal, 1890.



For our Complete List of Stocks and Dies and other Engineers' and Motor Tools, see Catalogue No. 20.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

CLEMAK Safety Razor 5

The Clemak Safety Razor, with its Mechanical Lever Action and freedom from screws, bars, etc., marks a new era in self shaving.

To bring the Blade into correct position for shaving or to free it for cleaning, it is only necessary to press the knob, and the Blade is automatically fixed or released as desired.

Clemak Blades are made from the finest quality steel, and if properly stropped and carefully used will last for years.

Clemak Blades, price 2/6 per packet.



Clemak Safety Razor Set.

No. 2207W.

Comprising a Silver-Plated Clemak Razor with seven perfect Blades, and Stropping Machine, complete in Box.

The Clemak is one of the safest and most efficient Razors on the market. Price ... 5/-

Clemak Shaving Soap.

Abundant creamy lather, anti-septic, and will not dry on the face.

Price -/6 per stick.

Combination "Clemak" Set.

No. 2208W.

A Triple Silver-Plated Razor. 12 selected Blades. Stropping Machine with Hide Strop. Packed in handsome Leather Case. Price ... 10/6

Kemoline will greatly increase the sharpening properties of your Strop. Price -/6 per Tube.

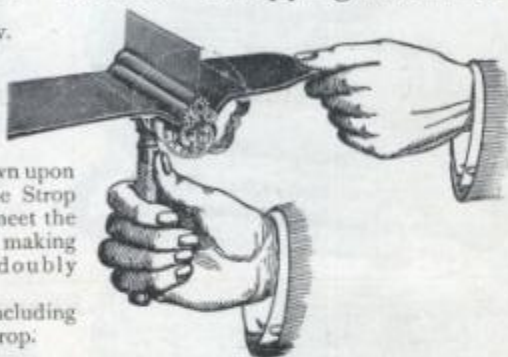


New Patent "Clemak" Stropping Machine.

No. 2209W.

An original and effective Stropper. Not only is the Blade brought down upon the Strop, but the Strop is forced up to meet the edge of the Blade, making the Machine doubly effective.

Price 3/6, including superior Hide Strop.



No. 2210W.

The Centaur Safety Razor Set.



This is a thoroughly reliable, well-made and finished Safety Razor, nickel-plated, complete with a dozen "Shavwell" Blades, and packed in a neat case. Price 4/- complete.

In ordering through Shippers please give clear and definite instructions that the goods be bought direct from our house. You may then be sure of obtaining the patterns and quality specified in our Catalogues.

R. MELHUISH, LTD.

The "Presto" Safety Razor.



A perfect shaving device. Entirely English manufacture.

No. 2211W. The "Special" Case containing Silver-Plated "Presto" Razor Holder, 12 guaranteed "Presto" Blades, Stropping Machine, and special "Presto" Horsehide Strop, with Hook for hanging, complete in handsome Case. Price 10/6.

No. 2212W. Ditto as above, but with Badger Hair Brush and Shaving Soap in Plated Holder. Price 21/- complete.

No. 2213W. Contains Silver-Plated "Presto" Razor Holder, 7 Blades, with Stropping Machine, complete in handsome Case. Price 5/-; Blades 3/- per doz.

Travellers' Combination Set.

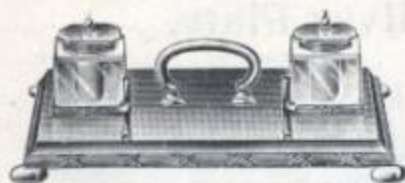
No. 2214W.



This attractive Case is made of genuine Goatskin, lined with moire silk. It contains 1 Silver-Plated Razor, 12 "Shavwell" Blades, 1 Telescope Badger Hair Brush, 1 Stick Williams' Shaving Soap in Nickel Case. Price 12/6 each.

No. 2215W. This superb Case is made of genuine Morocco, leather-lined throughout. It contains 1 Gold-Plated Razor, 12 "Shavwell" Blades, 1 Badger Hair Brush in Case, 1 Stick Williams' Shaving Soap in Case. Price 21/- each.

A large and varied Stock of Engineers' Tools and Motor Accessories.



No. 2216W.

Electro-Plated Double Inkstand, 23/-



No. 2217W.

Electro-Plated Nickel Silver Double Jelly or Butter Dish, with two Glass Linings, with Jam Spoons or Butter Knives, 14/6

Melhuish's Sheffield-Made Silver Plate.



No. 2218W.



No. 2219W.



No. 2220W.



No. 2221W.

Electro-Plated Nickel Silver Butters, Jams, Pickles, Bread Forks, all one price, 1/4 each.



No. 2222W.

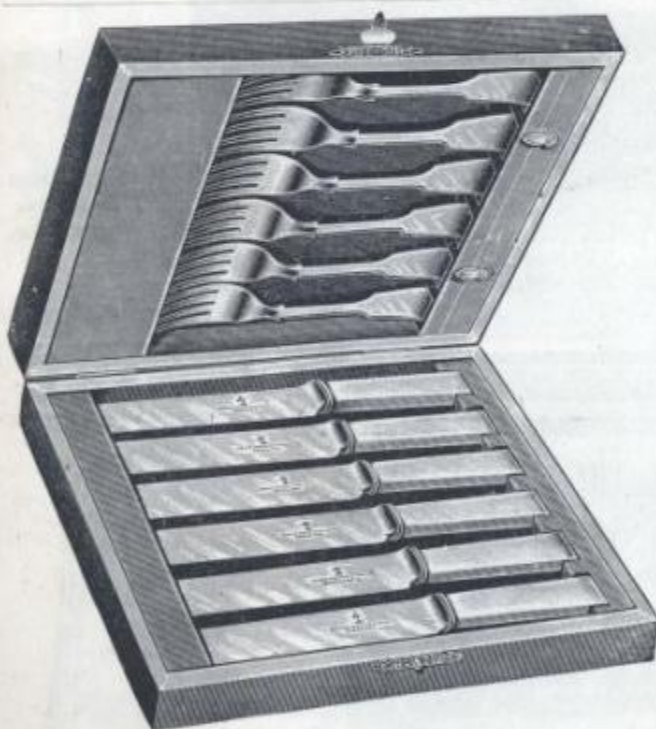
Electro-Plated Nickel Silver Jelly, Heliotrope Glass, 10/6



No. 2223W.

Electro-Plated Nickel Silver Double Jelly, Crystal Glass... 18/-
Single Jelly ... 10/-

A visit of inspection is invited to our Showrooms at 143, Holborn, E.C., where we hold one of the largest and most varied stocks of Silver Plate and Cutlery in the Trade. R. MELHUISH, Ltd., London, E.C.



No. 2224W.

Case containing 6 Xylonite handled Table Knives and 6 Nickel Table Forks...	17/-
Ditto, with Electro-Plated Nickel Silver Forks ...	21/-
Ditto, 6 Xylonite handled Dessert Knives and 6 Nickel Dessert Forks ...	13/-
Ditto, with Electro-Plated Nickel Silver Forks ...	16/-
Ditto, 12 pairs Table Knives and Nickel Forks ...	34/-
Ditto, 12 pairs Dessert Knives and Nickel Forks ...	28/-



No. 2225W.

Waiter, Heavily Mounted and Richly Engraved.
8 in., weight about 12 oz., Electro-Plated Nickel Silver, 45/-
10 in., " " 20 oz., " " " 58/-
12 in., " " 30 oz., " " " 70/-

Contractors to the Home, Indian, and Colonial Governments.

Melhuish's Sheffield Made Silver Plate.

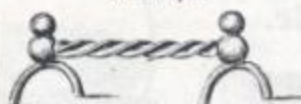
No. 2226W.



Electro-Plated
Nickel Silver
Skewer.

Quality.
A. -/5 per in.
B. -/4 "
C. -/3 "

No. 2227W.



Electro-Plated Knife Rest.
2/3 each.



No. 2228W.



Oak Butter and Knife.
Electro-Plated Nickel Silver
Mounts, 9/6

No. 2229W.



Electro-Plated Knife
Rest.
1/2 each.



No. 2230W.



Electro-Plated
Nickel Silver
Lobster Picks.

1/6 each.
Silver, 9/- each.

No. 2231W.

Solid Oak or Walnut Canteens.

Warranted
Sheffield
make.



No. 2231W. Containing 6 Dessert Forks, 6 Dessert Spoons, 6 Tea Spoons, 1 Gravy Spoon, 6 Table Forks, 6 Table Spoons, 2 Salt Spoons, 1 pair Sugar Tongs, 2 Knife Rests, 6 Table Knives, 6 Dessert Knives, 1 pair Meat Carvers, 1 Steel.

Price £5 : 5 : 0

No. 2231W.



Electro-Plated
Nutcracker.
2/- each.



No. 2233W. Electro-Plated Nickel Silver Tray.

18 in. ... 80/- 20 in. ... 91/- 22 in. ... 106/- 24 in. ... 124/-

Also made in smaller sizes without handles.

10 in. ... 20/- 12 in. ... 26/- 14 in. ... 33/- 16 in. ... 40/-

No. 2234W.



Electro-Plated
Nutcracker.
3/4 each.

Bronze Medal, 1884.—Gold Medal, 1890.

Melhuish's Sheffield-Made Silver Plate.

No. 2235W.



Electro-Plated Nickel Silver Sugar Dredger.

6½ in. high	12/-
7 " "	15/-
8 " "	18/-
9 " "	24/-

No. 2238W.



Sterling Silver Ring, 3/-



Sterling Silver Ring, 5/-

No. 2241W.



Fern Pot, with Lining.

	Electro-Plated Britannia Metal.	Electro-Plated Nickel Silver.
4 in. diameter	9/-	21/-
5 " "	13/-	29/-
5½ " "	18/-	38/-
6 " "	22/-	48/-

No. 2236W.



Oak Liquor Stand. Electro-Plated Nickel Silver Mounts, Cut Glass Bottles, £2 : 12 : 0

No. 2239W.



Case 6 pairs Electro-Plated Nickel Silver Fish Eaters, and 1 pair Carvers, Xylonite Handles £3 : 2 : 0

Case 12 pairs Electro-Plated Nickel Silver Fish Eaters, and 1 pair Carvers, Xylonite Handles £5 : 0 : 0

No. 2237W.



Electro-Plated Nickel Silver Sugar Sifter. 2/6 each.

No. 2240W.



Syphon Holder. Electro-Plated Nickel Silver, 26/-
Electro-Plated Britannia Metal, 16/6

No. 2242W.



Electro-Plated Nickel Silver Crust.
4-glass, 14/6 5-glass, 19/-
6-glass, 24/-

Tool, Machine, and Hardware Merchants and Manufacturers.

Silver-Plated Tea and Coffee Services, Etc.

No. 2243w.



Best Silver Plate.

2-pint Tea Pot, 15/6; 2½-pint Coffee Pot, 24/-;
Sugar Basin, 14/-; Cream Jug, 12/-.

Price, set complete, £3 : 5 : 6

No. 2244w.
Hot Water Jug.



Silver Plate. Hot Water Jug.
1 1½ 2 pints.
Price 24/9 26/3 29/.

No. 2245w.



Best Silver Plate. Tea and Coffee Service.

2-pint Tea Pot, 23/-; 2½-pint Coffee Pot, 30/6;
Sugar Basin, 20/6; Cream Jug, 17/3

Price, set complete, £4 : 11 : 3

No. 2246w.
Hot Water Jug.



1 1½ 2 pints.
Price 16/6 19/- 21/3

No. 2247w.



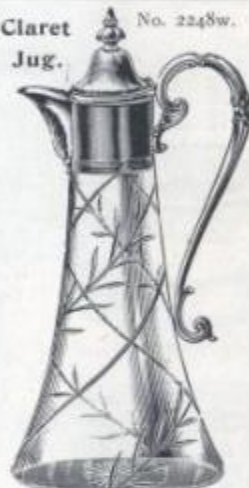
Best Silver Plate.

Tea and Coffee Service.

2-pint Tea Pot, 14/3; 2½-pint Coffee Pot, 21/6;
Sugar Basin, 12/-; Cream Jug, 9/6

Price, set complete £2 : 17 : 3

No. 2248w.
Claret Jug.



Best Silver-plated Claret Jug.
Price 15/-

No. 2249w.
Syphon Stand.



Best Silver Plate on Nickel Silver.
Price 17/3

No. 2250w.
Flower Stand.



Best Silver Plate.

Price 27/9

No. 2251w.
Rose Bowl.



Best Silver Plate.

Size	1	2	3	4
Price	26/-	31/6	33/9	40/6

Orders of 20/- and upwards Carriage Paid (with few exceptions).

Melhuish's Sheffield-Made Silver Plate.

No. 2252W.

Cruet.



Silver Plate on Nickel Silver.

Price, 8/3

Cruet.

No. 2253W.



Best Silver Plate on Nickel Silver.

Price, 12/9

Cruet.

No. 2254W.



Best Silver Plate on Nickel Silver.

Price 4 glass ... 23/3
" 6 " ... 39/9

Toast Rack.

No. 2255W.



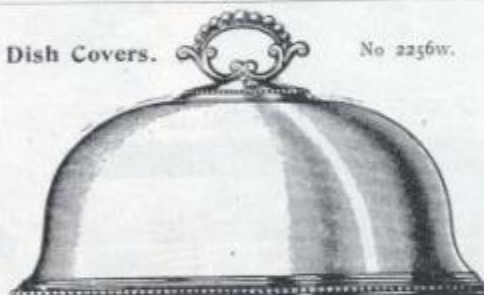
Best Silver Plate on Nickel Silver.

Price, 5 bar, 8/3.

" 7 " 11/-

Dish Covers.

No. 2256W.



Sizes of Dish Covers	10	12	14	16	18	20 in.
Finest White Metal	11/9	16/3	21/-	26/3	32/6	38/- each.
Electro-plated	23/-	29/-	40/-	46/-	57/6	67/6 "
Electro-plated on Nickel Silver	51/-	60/-	69/6	83/-	89/-	100/- "

No. 2257W.

Sugar Scuttle.



Best Silver Plate. Price 11/3

Egg Stand.

No. 2260W.



Best Silver Plate. Price 19/9

Pepper Box. No. 2263W.



Best Silver Plate on Nickel Silver.
Price 6/3

Butter Dish.

No. 2258W.



Silver Plated, 15/-

No. 2261W.

Mustard Pot.



Best Silver Plate on Nickel Silver.

Price 8/9 complete.

Cruet.

No. 2259W.



Best Silver Plate on Nickel Silver.

	4	5	6 glass.
	13/6	18/-	22/9

No. 2262W.

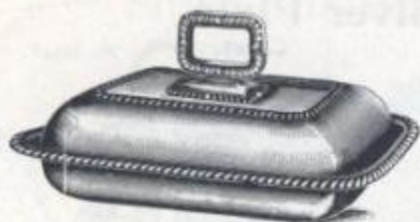
Salt Cellar.

Best Silver Plate on Nickel Silver.

Price 6/3, with Spoon.



A large and varied Stock of Engineers' Tools and Motor Accessories.



No. 2264w.

Entree Dish.

Best Silver Plate on Nickel
Silver.

Price 35/3

**MELHUISH'S
SHEFFIELD-MADE
SILVER-PLATE.**

No.
2265w.



Cake Dish.

Handsome Cake Basket, best Silver Plate on Nickel Silver.
Price 28/-



No. 2266w.

Fruit Dish.

Fruit Dish, best Silver Plate on Nickel
Silver.

Price 20/- complete
with Spoon.

No. 2267w.

Biscuit Box.



Fumed Oak, Silver-plated
Biscuit Box.

Price 14/3

No. 2268w. **Fish Eaters.**



Case (leatherette) containing 6 pairs of Fish Eaters,
nylonite handles. 17/6
Same as above, but with ivory handles. 26/6
Case (leatherette) containing 6 pairs of Fish Eaters, nylonite
handles, silver ferrules, better quality. 30/-
Oak Case containing 12 pairs. 60/-
Oak Case containing 12 pairs, ivory handles. 80/-

No. 2269w.

Fruit Dish.



Best Silver-plated Fruit Stand.

6 in. ...	15/-
8	20/6
10	26/3

**Combination
Toast-Rack and
Butter Dish.**

No.
2270w.



Best Silver Plate on Nickel
Silver. Price 11/6

No. 2271w.



Very handsome fumed
Oak Salad Bowl and
Servers. 24/-

Same as above, but
without handles.

19/6

No. 2272w.

Jam Dish.



Silver-plated. Price 8/9

Contractors to the Home, Indian, and Colonial Governments.

English-made Office Furniture.

No. 2273w. Low Roll Top Davenport.

Automatic Locking Action, Satin Walnut Pigeon-hole Interior, Top Drawer in Pedestal fitted with Movable Partitions.



29 in. wide, 24 in. deep, 41½ in. high.

In Fumed Oak ...	£3 : 19 : 6
" Satin Walnut, finished Walnut or Mahogany ...	£4 : 6 : 0

No. 2274w. Low Roll Top Desk.

Automatic Locking Action, Satin Walnut Pigeon-hole Interior, Top Drawers in Pedestals fitted with Movable Partitions.



48 in. wide, 27 in. deep, 40 in. high.

In Fumed Oak ...	£5 : 14 : 0
" Satin Walnut, finished Walnut or Mahogany ...	£6 : 5 : 9

No. 2275w. 50 in. wide, 32 in. deep, 49 in. high.
As illustrated, Oak Linings, all Pedestal Drawers except left-hand bottom fitted with Movable Partitions, Bottom Drawer fitted for Books ... Price:

In Fumed Oak ...	£8 : 12 : 6
" Satin Walnut, finished Walnut or Mahogany ...	£9 : 2 : 6
No. 2276w. 55 in. wide, 32 in. deep, 49 in. high. " Fumed Oak ...	£10 : 6 : 9
" Satin Walnut, finished Walnut or Mahogany ...	£10 : 9 : 6
No. 2277w. 60 in. wide, 32 in. deep, 49 in. high. " Fumed Oak ...	£12 : 0 : 6
" Satin Walnut, finished Walnut or Mahogany ...	£13 : 2 : 6



No. 2278w. Low Roll Top Desk.

Automatic Locking Action. Solid Walnut Pigeon-hole Interiors. Right-hand Bottom Drawer to hold Ledgers. All Pedestal Drawers except left-hand bottom are fitted with Movable Partitions.

50 in. wide, 32 in. deep, 40½ in. high.

In Fumed Oak ...	£8 : 5 : 0
" Satin Walnut, finished Walnut or Mahogany ...	£9 : 10 : 6

No. 2279w. 55 in. wide, 32 in. deep, 40½ in. high.

In Fumed Oak ...	£9 : 19 : 6
" Satin Walnut, finished Walnut or Mahogany ...	£10 : 19 : 6

No. 2280w. 60 in. wide, 32 in. deep, 40½ in. high.

In Fumed Oak ...	£11 : 17 : 6
" Satin Walnut, finished Walnut or Mahogany ...	£12 : 17 : 0

Bronze Medal, 1884.—Gold Medal, 1890.

Vertical Letter Filing Cabinet.



In Fumed Oak.

No. 2281W.

The Cabinet contains four drawers, each of which has a filing capacity of about 5,000 letters; it is complete in itself but so constructed that should increasing correspondence make extension necessary other similar sections can be added whenever required.

Size, each drawer, 12½ in. wide, 10½ in. high, 22½ in. back to front. Exterior measurements: 15 in. wide; 54 in. high; 27½ in. back to front; top, back and sides panelled.

Price, Cabinet only... £6 : 0 : 0
 „ Cabinet complete with 60 folders and 20 guide cards in each drawer ... £6 : 10 : 6

Fumed Oak Roll Top Typewriter Desk.

No. 2282W.

Measurements closed: 23 in. wide; 24½ in. deep.

Measurements fully extended: 34 in. wide, including side extension; 36 in. deep. Height, 46½ in.

The bed pulls out to afford facility for typing, and when pushed back the whole cabinet can be locked; drawers automatically locked and unlocked by roll-top action.



The side extension slide is attached to the underpart of machine bed extension, and can be drawn out for use on either the right or left side to hold correspondent's note book, etc.

Fumed Oak .. £4 : 6 : 3



OPEN.

Typewriting Desk.



CLOSED.

No. 2283W.

3 ft. wide; 2 ft. 8½ in. high; 2 ft. 7 in. deep; width of Typewriter bed, 1 ft. 8½ in.

The Typewriter need not be detached when not in use, as the bed on which it stands shuts into a dust-proof case, the Typewriter is entirely hidden from view and securely locked; the desk can then be used as an ordinary flat top Desk. Drawers are automatically locked and unlocked by the closing of the top drawer.

Fumed Oak .. £8 : 17 : 6

Quotations given for Card Index System Cabinets on application.

All Carriage Forward.

Tool, Machine, and Hardware Merchants and Manufacturers.

English-made Office Furniture.

No. 2284w.

Roll Top Desk.

Automatic Locking Action. Satin Walnut Pigeon-hole Interior. Top Drawer in each Pedestal fitted with Movable Partitions.



48 in. wide, 27 in. deep, 47 in. high.

In Fumed Oak ... £6 : 6 : 0
 „ Satin Walnut, finished Walnut or Mahogany £6 : 19 : 0

No. 2285w. 50 in. wide, 30½ in. deep, 47 in. high.

As above, but with 3 Top Drawers in each Pedestal fitted with Movable Partitions, Oak Linings.

In Fumed Oak ... £8 : 5 : 0
 „ Satin Walnut, finished Walnut or Mahogany £9 : 3 : 0

No. 2286w. As above, but 55 in. wide.

In Fumed Oak ... £9 : 19 : 0
 „ Satin Walnut, finished Walnut or Mahogany £10 : 17 : 6

No. 2287w. As above, but 60 in. wide.

In Fumed Oak ... £11 : 11 : 0
 „ Satin Walnut, finished Walnut or Mahogany £12 : 14 : 0

No. 2288w.

Roll Top Desk.

Automatic Locking Action. Satin Walnut Pigeon-hole Interiors. Top Drawer in Pedestal fitted with Movable Partitions.



36 in. wide, 27 in. deep, 47 in. high.

As illustrated, in Fumed Oak ... £4 : 19 : 6
 In Satin Walnut, finished Walnut or Mahogany ... £5 : 10 : 6

No. 2289w. As above, but 42 in. wide.

In Fumed Oak ... £5 : 10 : 0
 „ Satin Walnut, finished Walnut or Mahogany ... £5 : 19 : 6

No. 2290w. As above, but 36 in. wide, 30½ in. deep, 47 in. high.

In Fumed Oak ... £6 : 10 : 6
 „ Satin Walnut, finished Walnut or Mahogany ... £7 : 5 : 0
 (As Illustration.)



No. 2291w.

Roll Top Desk.

Automatic Locking Action. Satin Walnut Pigeon-hole Interior. Top Drawer in each Pedestal fitted with Movable Partitions.

50 in. wide, 29 in. deep, 47 in. high.

In Fumed Oak ... £7 : 7 : 0
 „ Walnut, finished Walnut or Mahogany ... £8 : 2 : 0

No. 2292w. As above, but 55 in. wide.

In Fumed Oak ... £8 : 19 : 6
 „ Walnut, finished Walnut or Mahogany ... £9 : 16 : 6

No. 2293w. As above, but 60 in. wide.

In Fumed Oak ... £10 : 15 : 0
 „ Walnut, finished Walnut or Mahogany ... £11 : 12 : 0

All Carriage Forward.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

English-made Office Furniture.

Flat Top Desk. Drawers Locked Automatically from Centre Drawer, which is fitted with Lock.



- No. 2294w.
36 in. wide, 27 in. deep.
In Fumed Oak, £3 : 6 : 9
In Satin Walnut, finished
Walnut or Mahogany,
£3 : 12 : 6
- No. 2295w.
42 in. wide, 27 in. deep.
In Fumed Oak, £3 : 19 : 6
In Satin Walnut, finished
Walnut or Mahogany,
£4 : 6 : 0
- No. 2296w.
36 in. wide, 30½ in. deep.
In Fumed Oak, £3 : 19 : 6
In Satin Walnut, finished
Walnut or Mahogany,
£4 : 7 : 6

Revolving Office Chair.
No. 2302w.



In Oak or Birch, finished
Walnut or Mahogany.
£1 : 3 : 6

Office Stool.

No. 2303w.
In Birch, finished any
colour; Seat and Back
upholstered in American
Cloth.

£1 : 7 : 9

No. 2304w.
Without Back.
£0 : 12 : 6

All Carriage
Forward.



Flat Top Desk. Movable Partitions in Top Drawer of each Pedestal.



- No. 2297w. 42 in. wide, 27 in. deep.
In Fumed Oak ... £4 : 12 : 6
„ Satin Walnut, finished Walnut or Mahogany ... £5 : 1 : 0
- No. 2298w. 48 in. wide, 27 in. deep.
In Fumed Oak ... £4 : 18 : 6
„ Satin Walnut, finished Walnut or Mahogany ... £5 : 7 : 6
- No. 2299w. 50 in. wide, 30½ in. deep.
In Fumed Oak ... £5 : 7 : 6
„ Satin Walnut, finished Walnut or Mahogany ... £5 : 17 : 6
- No. 2300w. 55 in. wide, 30½ in. deep.
In Fumed Oak ... £6 : 6 : 0
„ Satin Walnut, finished Walnut or Mahogany ... £6 : 18 : 6
- No. 2301w. 60 in. wide, 30½ in. deep.
In Fumed Oak ... £7 : 3 : 0
„ Satin Walnut, finished Walnut or Mahogany ... £7 : 16 : 9

Lined Top Writing Table.

Top lined Skiver; made in Oak, Walnut and Mahogany, same prices.
No. 2305w.



- 3 ft. 6 in. wide ... £4 : 10 : 0
4 ft. 0 in. „ ... £4 : 17 : 6
4 ft. 6 in. „ ... £5 : 17 : 6

A large and varied Stock of Engineers' Tools and Motor Accessories.

Telescopic Extension Ladders.

With all latest IMPROVEMENTS. As supplied to H.M. Government Offices, London County Council, etc. The Safest and Easiest Working Extension Ladder extant. Unequalled for Compactness, Rigidity, and Strength.

No Intricate Parts to get out of Order. Perfect Automatic Action. Works smoothly, without hitch, with the minimum of friction and noise. Lightness compatible with safety. Must be seen to be appreciated, illustration and printed description cannot do it justice. Invaluable as a Fire Escape.

Not intended for one kind of work, but for every one requiring an Efficient Ladder.

No. 2306W.

First Grade Material and British Workmanship. Clips, Best Iron Hand Forged, *not cast malleable*. Automatic Locks, each composed of Best Quality Solid Iron. The whole is the result of many years' practical experience, and the way this Ladder has been appreciated and approved of by Responsible Public Bodies, Institutions, and in all departments of Business and Private Life, is proof that it is **A PERFECT EXTENSION LADDER**.

In Two Sections.

				Hardwood Rungs.
14 ft.	closes to	8 ft.	...	23/-
16 "	"	9 "	...	26/-
18 "	"	10 "	...	26/-
22 "	"	12 "	...	35/-
26 "	"	14 "	...	41/-
30 "	"	16 "	...	49/-
34 "	"	18 "	...	57/-
37 "	"	20 "	...	63/-
41 "	"	22 "	...	69/-
44 "	"	24 "	...	75/-

In Three Sections.

				Hardwood Rungs.
20 ft.	closes to	8 ft.	...	40/-
26 "	"	10 "	...	50/-
30 "	"	11 "	...	60/-
32 "	"	12 "	...	66/-
36 "	"	14 "	...	80/-
42 "	"	16 "	...	96/-
48 "	"	18 "	...	112/-
53 "	"	20 "	...	130/-
58 "	"	22 "	...	150/-
64 "	"	24 "	...	170/-
70 "	"	26 "	...	192/-

Patent Automatic Folding Platform Steps.

Invented after practical experimenting and exhaustive tests. Efficiency is proved by the remarkable demand that these have commanded during the short time they have been on the market. Adopted by all who wish to prevent accidents.

SAFETY.—Absolutely rigid when in use, the spacious platform allows the user to stand as comfortable as on the floor itself, and enables free use of both hands, the extended side and back supports act as guards.

PORTABILITY.—No heavier than ordinary steps, and they fold much more compactly, the back supports closing over the front, and the platform folds and opens automatically. This applies to both Single-back and Twin-back Patterns.

No. 2307W.

Height over all when Folded.	Approximate Height to Platform when Open.	Enables Person of average Height to reach.	Price.
5 ft.	3 ft.	9 ft.	9/-
6 "	4 "	10 "	9/9
7 "	5 "	11 "	10/9
8 "	6 "	12 "	12/3
9 "	7 "	13 "	15/-
10 "	8 "	14 "	18/6
12 "	10 "	16 "	23/-
14 "	12 "	18 "	28/-
16 "	14 "	20 "	34/-
18 "	16 "	22 "	40/-



Open.

Closed.

Ladders on this page Carriage Forward.

IMPORTANT TO THOSE ORDERING THROUGH SHIPPERS.—In order to ensure getting complete satisfaction, we advise our friends to be careful in giving definite instructions that the goods shall be procured direct from our house. By this means they may be sure of receiving the pattern and quality specified in our Catalogues.

Established 1828.

Contractors to the Home, Indian, and Colonial Governments.

Improved "Leanto" Ladders.

No. 2308W.

Fitted with wide flat
Treads, well bolted.

Height in Feet.	Price.
5	4 2 each.
6	5/- "
7	5 10 "
8	6 8 "
9	7 6 "
10	8 4 "
11	9 2 "
12	10/- "
13	10 10 "
14	11 8 "
15	12 6 "


Thick Felt Pad fixed on top cross-bar prevents injury
to shelves, etc., 1/- extra.

Rubber on feet, prevents slipping on polished floors,
1/- extra.

Stained and Varnished, 10 per cent. extra.

If Treads of Hardwood, 10 per cent. extra.

If of all Hardwood, 20 per cent. extra.

If made in Oak and Fumed, 50 per cent. extra.

Motor Car or Carriage Cleaning Ladder.

No. 2309W.



7	8	9	10 ft.
9/-	10/-	11/-	12/- ea

Including thick Felt
Padded Sides.

Braced-back House Steps.

No. 2310W.


Light, strong, and folds compactly, well made of
seasoned material, no Hinges to go wrong, wide flat
Treads, well bolted.

Height	2	3	4	5	6	7	8	ft.
No. of Treads...	3	4	5	6	8	9	10	
Price ...	2 6	3/-	4/-	5/-	6/-	7/-	8/-	each.
Height	9	10	11	12	14	16	ft.	
No. of Treads...	11	12	13	15	17	19		
Price ...	9/-	10/-	11/-	12/-	16/-	19/-		each.

Lattice Steps.

No. 2311W.

Light, compact, rigid, and exceptionally strong.
Wide flat Treads. Very comfortable.

Deal recommended for Housemaids' use, others for
Shop and General Use.

SIZES AND PRICES:

Height closed. ft. in.	Height open. ft. in.	No. of Treads.	Deal.	Birch.	Oak.	Weight in Deal. lb.
1 10	1 9	2	3 6	4 7	5 3	5
2 9	2 7	3	4 6	5 7	6 6	7
3 8	3 5	4	5 6	7 7	9/-	9
4 7	4 3	5	6 6	8 7	10/-	11
5 6	5 1	6	7 6	9 11	11 6	13
6 7	5 11	7	8 6	11 1	12 9	15
7 6	6 9	8	9 9	13 2	15 3	18
8 5	7 7	9	11 6	15 8	18/-	21
9 4	8 5 1/2	10	13 9	18 10	21 9	24

10 1/2 in. between Treads.

Varnishing (best quality only), 7/5 per Tread extra.

Small Fixed Steps.

No. 2313W.

Handy for use behind Shop Counters, or for reaching Gas and
Electric Lights.

Height	1 1/2	2	2 1/2	3	4 ft.
Price...	4 6	5/-	5 6	6/-	6 6 each.

If Varnished, 10 per cent. extra.



Hardwood Double Steps.

No. 2312W.

With Folding Top Platform, Wide Treads,
Strong Hinges.


Height to Platform when open.	Straight Sides.	Shaped Sides as illustrated.	Varn- ished. Extra.
ft. in.			
2 6	7 6	9/-	1 6
3 3	9/-	10 6	1 9
4 0	11/-	12 6	2/-
4 9	13/-	14 6	2 3
5 3	15/-	17/-	2 6
6 0	17/-	19/-	3/-

Bronze Medal, 1884. - Gold Medal, 1890.

New Collapsible Ladders in Steel and Wood.



OPEN.

No. 2314W.

In Two Sections. Wood.

Sizes, from 6 ft. fully extended to 22 ft. fully extended—viz., 6 ft., 7 ft., 8 ft., 9 ft., and so on, 1/- per foot; if varnished, 1½d. per foot extra.

In Three Sections. Wood.

Sizes, from 10 ft. fully extended to 32 ft. fully extended—viz., 10 ft., 12 ft., 14 ft., 16 ft., and so on, 1/5 per foot; if Rungs Hardwood, 1/6½ per foot; if varnished, 2d. per foot extra.

The above prices are for actual height when extended, the length in overlap of sections is not charged for.



No. 2315W.

Window Cleaners' Ladders.

Fitted with Improved Grooved Block at Top.

Sizes,

6 ft., 7 ft., 8 ft., and so on to 18 ft.

Including Hardwood Rungs,

Price 1/- per foot.

Or if in 2 sections and socketed, 4d. per foot extra.

Best material and workmanship.



Old Style.

No. 2316W.



New Style.

Ladders shown in accompanying sketches are highly recommended.

They are extremely strong and light, and take up little room when not in use. Being made of Galvanized Steel, they are practically indestructible.



CLOSED.

OPEN.

Price as illustrated, Round Treads, 1/- per tread up to 10 ft. long, distance between treads 10 in. Extra, Spiked end ... 1/6 " Hooks at Top end 1/6 " Rubber Buffers at Top end 1/6 If with Flat Treads 1/4 trd.

Tool, Machine, and Hardware Merchants and Manufacturers.

The Portable Copying Press.

For Travellers', Private Use, etc.

Simple in action, strongly made, well varnished and finished Boards.

Handle polished and nickel-plated.

Springs of best Steel.

Weight about 5½ lb.

Quarto Size.



No. 2317W. Open.



No. 2317W. Shut.

Price ... 10/- each.



No. 2318W. As No. 2317W, but with Lock and Key.

Price ... 12/- each.

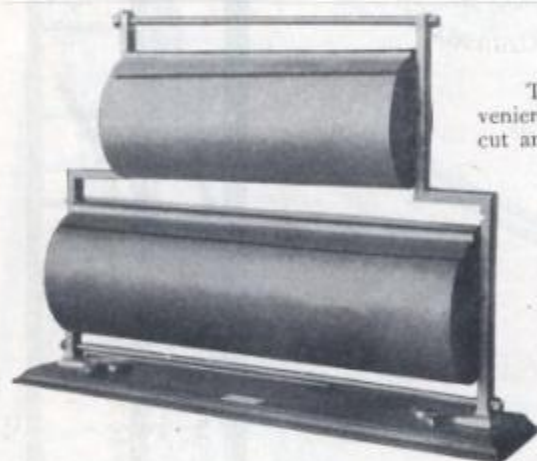
Copy Press Books for above.

No. 2319W. Price ... 2/6 each.

Paper Holders and Cutters.

These Holders are made to carry rolls of wrapping paper of convenient widths, and each roll is fitted, which allows the paper to be cut any desired length.

The Holders are strongly made, neatly finished and nickel-plated, and can readily be fixed on shop counters, below counters, or on any convenient fixture.



Double Holders.

No. 2320W. As Illustrated.

For 8 in. and 16 in. Reels ... 26/6 each.

" 16 " 22½ " ... 30/- "

Treble Holders.

No. 2321W.

For 8 in., 16 in., and 22½ in. Reels ... 37/6 each.

Wrapping Paper to Suit the above Holders.

No. 2322W.	Strong Brown, to suit Holders 16 in. and 22½ in. wide	19/6 per cwt.
No. 2322½W.	Thin Gold-Brown, to suit Holders 8 in. wide	17/6 "
	Approximate Weight per Roll, 8 in. wide	9 lb.
	" " " 16 " "	11 "
	" " " 22 " "	17 "

IMPORTANT TO THOSE ORDERING THROUGH SHIPPERS.

In order to ensure entire satisfaction, we advise our friends to be careful in giving definite instructions that the goods shall be procured direct from our House. By these means they may be sure of receiving the patterns and quality specified in our Catalogues.

R. MELHUISH, Ltd., LONDON, E.C.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

The Holborn Cork Puller.

No. 2323W.

The last word in Cork Pullers. Can be attached to sideboard, door-frame, or wall. Corks are drawn absolutely without effort. If desired, they may be partly drawn, to be afterwards removed by the finger. No broken corks or bits left in the bottle.



The Bottle is held in place as shown—handle down.



Raise the handle as shown and the screw automatically enters the cork.



Lower the handle and the cork is not only drawn, but also automatically discharged from the machine.

No. 1, as illustrated, 6/9 each. No. 2, with clamp, 8/- each.

Compound Corkscrew.

Lever

No. 2324W.



This pattern, by a simple and ingenious arrangement of levers, will draw a cork with a speed and ease not attainable by any other corkscrew.

Bronzed, 2/- each.

Nickel-Plated, 3/6 each.

No. 2325W.

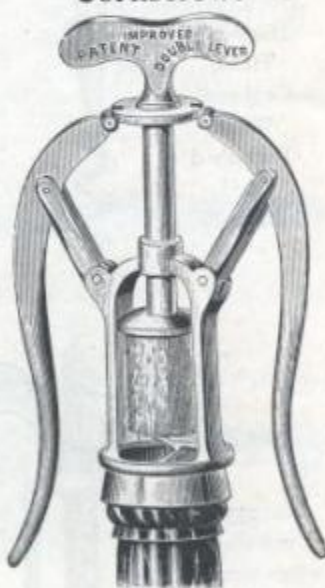


Finest Quality Corkscrew.

Price 1/-

Cheaper quality, -/8.

Patent Double-Lever Corkscrew.



No. 2330W.

Extremely powerful in its action, which is that of a Double Lever with Direct Lift. The pressure being given equally on each side of the bottle-neck, greatly lessens the liability to breakage.

Bronzed ... 3/- each.
Nickel-Plated ... 5/9 "

Compound Lever Corkscrew.

No. 2326W.



Bronzed, Price 3/- each

Nickel-Plated, 5/9 each.

Champagne Tap.



No. 2327W.

German Silver, 4/6 each.
Other Patterns, 2/9, 3/6.

Bottle Stoppers.



No. 2328W.
Nickel-Plated, 1/9 each.



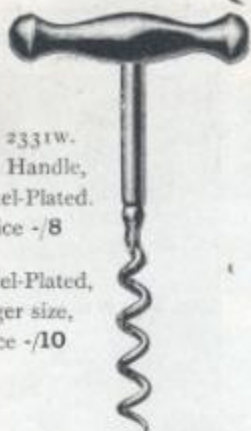
No. 2329W.
Box-wood and Nickel-Plated, 1/6 each.

A large and varied Stock of Engineers' Tools and Motor Accessories.

Best Quality Corkscrews. Warranted Worms.

No. 2331w.
Iron Handle,
Nickel-Plated.
Price -/8

Nickel-Plated,
larger size,
Price -/10



No. 2332w.
Bronzed Bow.
Price -/6

Nickel-Plated
Bow.
Price -/9



No. 2333w.
Original make, Lund's Lever.
Bronzed Levers and Screws
complete. Price 1/10 per set.

No. 2333½w.
Lund's Pattern. Price 1/6
Screws only. Price -/10 each.



No. 2334w.
Hardwood
Head,
Cyphered
Worm,
Burnished
Steel.
Price -/9

No. 2335w.
Wood Head,
Bright Shank,
Fluted Worm.
Price -/6



No. 2336w.
Leather
Covered
Handle,
Bronzed,
Cyphered
Worm.
Price 1/-



No. 2337w.
Unrivalled for
wines in cradle.
Hard Polished
Brass.
Price 5/6

Nickel-Plated.
Price 6/6



No. 2338w.
Very Powerful.
Wood Head,
Bronzed.
Price 3/9

Champagne
Nippers.
From 1/6 to
3/6 per pair.



No. 2339w.
Wood Head,
Burnished,
Plain Worm
and Button.
Price 1/-

Contractors to the Home, Indian, and Colonial Governments.

No. 2340W.

Can Openers.



Bull's Head Pattern, Bronzed Iron, Best Steel Blade, put up in an attractive Show Box of half-dozen. Price 5/- per doz -/6 each.



The most successful Opener offered, will open at side or at top. Good Steel Blade. One dozen packed in a Cardboard Show Box.

No. 2341W. Iron handles, 3/6 per doz. ... -/4 each.
" 2342W. Wood .. 4/3 .. -/4½ "

The "Peerless" Can Opener.

For both Round and Square Cans. The cutting blade is of best Cutlery Steel, well tempered and warranted. Finished in bright nickel, with double jappanned handle. Price -/7 each.



No. 2343W.

The "Ladysmith" Can Opener.

No. 2344W.

Made of Best Warranted Hard and Tempered Steel with Polished Beechwood Handle, opens Cans with perfect ease. Price -/6 each.



Knight's Pattern Can Opener.



No. 2345W.

Polished Wood Handle, Steel Blade. 4/6 per doz., -/5 each.

Potato Knives.



No. 2346W.

Wood Handle, Nickel-Plated Blade. Price -/6 each.



No. 2347W. Two Edged Steel Blade, Nickel-Plated Guard, Polished Handle and Brass Ferrule. Price -/9 each.



No. 2348W.

Carved Wood Handle, Good Steel Blade. Price -/4½ each.

Bright London Choppers.



No. 2349W.

No. ...	1	2	3	4
Each	1/9	2/-	2/3	2/6

Bright Solid Cast Steel Lamb Choppers.



No. 2350W.

	8	9	10	11	12 in.
Each	3/-	3/6	4/-	4/6	5/-

Smithfield Butchers' Cleavers.



No. 2351W.

Bright Cast Steel, with Scale Tang.
To 3½ lb., 1/4 per lb.; over 3½ lb., 1/2 per lb.

Bronze Medal, 1884.—Gold Medal, 1890.

Food Choppers, etc.



No. 2352W.

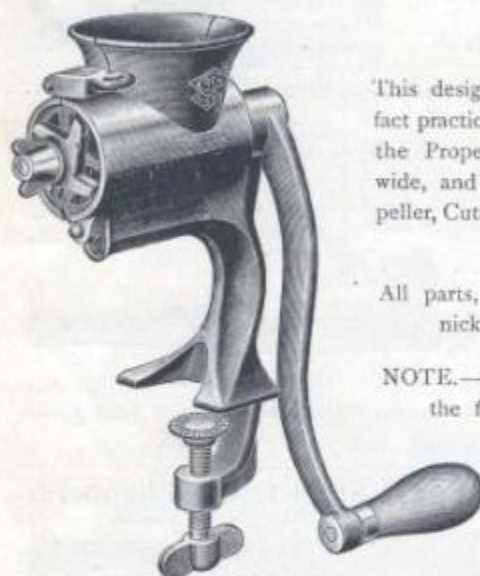
Well adapted for ordinary household purposes. Tinned throughout with Pure Tin and fitted with Patent Notched Propeller.

Chops 1 lb. per minute.	With 3 Discs	...	3/3 each.
" 2 lb. "	" 4 "	...	3/11 "
" 2 lb. "	" 5 "	...	4/6 "



No. 2353W. Improved pattern. Tinned throughout with PURE TIN, and fitted with Patent Notched Propeller. The four cutters illustrated above are sent out with each of these machines.

Chops 1 lb. per minute.	With 4 Discs	...	3/8 each.
" 2 lb. "	" 4 "	...	4/6 "
" 2 1/2 lb. "	" 4 "	...	5/- "



No. 2354W.

This design is extremely simple; it has in fact practically but two parts—the Case and the Propeller. The Case can be opened wide, and its interior, as well as the Propeller, Cutter, and Disc, may easily be rinsed and wiped.

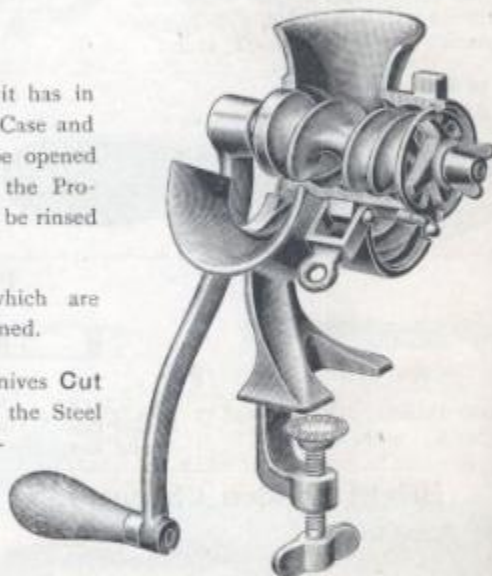
All parts, except the Cutters, which are nickel-plated, are heavily tinned.

NOTE.—In these machines the knives Cut the food. Working against the Steel Disc they sharpen themselves, and so constantly preserve their edges.

Closed, ready for use.

Carriage or Postage Extra.

No. A.	Cuts 2 lb. of meat per minute	...	5/- each.
" B.	" 3 lb. "	...	6/- "
" C.	" 5 lb. "	...	9/6 "



No. 2355W.
Mincing
Knives.

6 in. wide.

Price
1/3 each.

Cheaper
quality,
-/9, 1/-

STANDARD QUALITY TOOLS, MACHINERY AND APPLIANCES.

Our Tools, etc., have a good reputation by reason of their quality, and our Prices are Right because they are in line with the Quality. Inferior Goods may be bought for less money—and for more money.

R. MELHUISH, Ltd., London.

No. 2356W.
Mincing
Knives.

6 in. wide.

Price
1/3 each.

Cheaper
quality,
-/9, 1/-

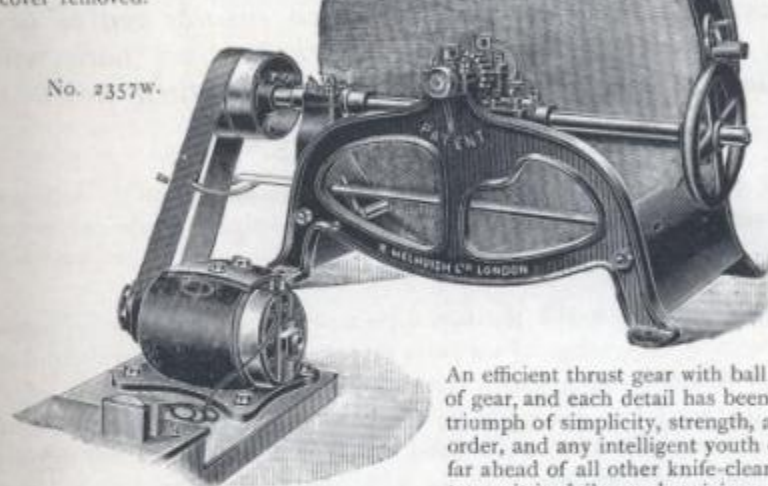


Tool, Machine, and Hardware Merchants and Manufacturers.

New Patent Knife Machine for Power.

Please Note that the gearing of this machine is well boxed in and is dirt and accident proof, but for the purpose of showing the mechanism we have illustrated it with the cover removed.

No. 2357w.



To be driven by Electric Motor as shown or other existing power.

The above machine has been introduced to meet the requirements of Hotels, Clubs, Institutions, Steamships, etc., where large quantities of knives are in daily use. It will clean seven to eight hundred knives per hour with efficiency and at a trifling cost for power. The framework and gearing has been specially designed and constructed, and to the following points we would draw attention. The machine is fitted with Patent Self-Regulating Spring-Pressure Discs, giving an even pressure on the knives when in action; also the solid Rubber Buffer Stays give **protection to the handles of the knives.** The main shaft is fitted with fast and loose pulleys, and the principal bearings on main shaft are gun-metal. All bearings are oil retaining, the steel worm gear running in special dust-proof oil-bath.

An efficient thrust gear with ball bearings is provided for throwing in and out of gear, and each detail has been most carefully thought out. The machine is a triumph of simplicity, strength, and efficiency, there is nothing to get out of order, and any intelligent youth can use it. Strongly recommended as being far ahead of all other knife-cleaning machines. Arrangements may be made to see it in daily use by giving us short notice.

Size A—Price without motor, to clean 6 knives and carver, **£14:14:0**
Space required for base, 33 x 20. Size of case for shipment, 26 x 28 x 23. Net weight, cwt. 1:1:14.

Size B—Price without motor, to clean 9 knives and carver, **£16:16:0**
Space required for base, 39 x 31. Size of case for shipment, 44 x 25 x 36. Net weight, cwt. 1:3:7.

Carriage Forward.

No. 2358w.



Patent Self-Adjusting Spindle Knife Machine.

These machines are of the highest class workmanship and are provided with a simple and effective invention whereby the desired and correct adjustment between the cleaning discs is automatically maintained. They are also furnished with **Patent Solid Rubber Buffer Stays** for giving **protection to the handles of the knives.**

PRICE:

No. 2358w. Low stands as illustrated—

No.	9	8	7	5	4	3	2
Takes knives including carver	3	4	5	6	7	8	9
Price each	35/-	50/-	70/6	102/-	120/6	137/6	157/6

No. 2359w. High stands—

No.	9	8	6	5	4	3	2
Takes knives including carver	3	4	5	6	7	8	9
Price each	44/-	58/6	87/6	118/-	137/6	168/-	175/-

No. 2359½w.—Special Pattern Machine for cleaning 2 knives and carver (Warranted), price 19/6

Carriage Forward.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

THE NEW PEWTER RELIEF MODELLING.



THOSE with an inclination for Artistic Handicrafts should find the new PEWTER RELIEF MODELLING exceedingly interesting, as with little practice effective results can be obtained. The illustration of a Hand-Mirror given here will convey an idea of this new Pewter Modelling when finished.

GENERAL INSTRUCTIONS.

PEWTER RELIEF MODELLING is made very easy for the amateur, as all the woodware articles for ornamentation are supplied with a sheet of metal ready designed with an artistic and suitable pattern to commence upon. The metal supplied is also, with regard to toughness and pliability, just right for the purpose.

When commencing, place the Pewter Metal on a piece of linoleum and trace the design with a Scribe or Outlining Tool, using not too heavy pressure. Then place the Metal face downwards on a glass slab, and draw a second line on the inside of the design.

To bring the design into relief place the metal face downwards on Linoleum or Felt, according to the relief required, and carefully press down the metal at the parts which are to stand sharply in relief. In the case of veins of leaves, etc., a single line only is necessary, and this done from the back with a Modelling Iron will give sufficient relief.

During the process of bringing the design into relief as just mentioned, the broad finishing tool should be used freely on the background to keep the work flat, and also when the relief work is finished the background must be smoothed out. This should always be done on the face of the metal with the glass slab beneath.

The next step is to colour the Pewter with "Patina." The metal must be well cleaned with benzoline and special preparation applied to remove grease. Patina colour is then applied with a brush all over the design and left for a few minutes. The superfluous colouring can be removed by gently dabbing, and the metal should be left until quite dry.

The work should then be buffed up with Burnishing Material, using plenty of the powder. The article is then again well cleaned with benzoline and a final polish with a chamois leather will complete the process.

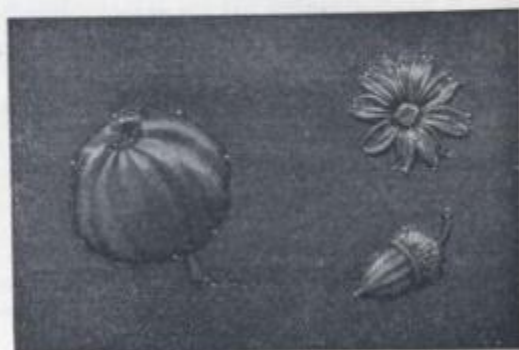
Where Coloured Stones are introduced into the design, the holes should now be punched through and the design cut out, care being taken to leave sufficient edge all round for nailing on the wood. Before nailing down, the hollow places on the back should be filled with the Ivory Filling Powder supplied for the purpose, which must be used in a very soft paste.

For Tools see page 327.

NOTE.—This section of our Catalogue contains the leading lines in Woodworkers' Tools, Machinery and Accessories. Other sections, embracing a great variety of Engineers' Tools, Appliances, Machines, Electrical Goods, Motor Tools, Horticultural and Estate Agents' Requirements, Building, and Furnishing Ironmongery, etc., etc., will be posted on application.

We are always pleased to receive enquiries from, and submit special quotations to, our friends abroad.—RICHARD MELHUISH, LTD., London, E.C.

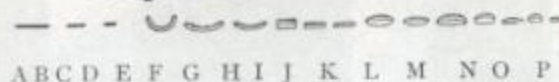
A large and varied Stock of Engineers' Tools and Motor Accessories.



No. 2360w. Pewter Relief Modelling Practice Panels, -/9 each.

Repoussé Tools.

No. 2361w. Tracing Tools.

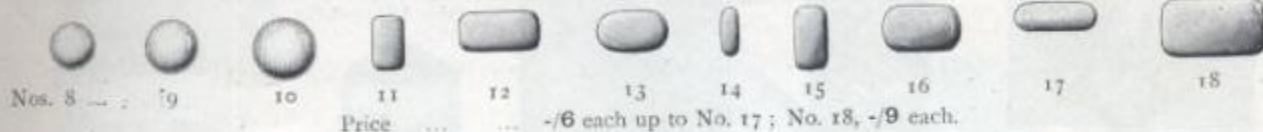


1/6 each.

No. 2362w.
Solid Brass.



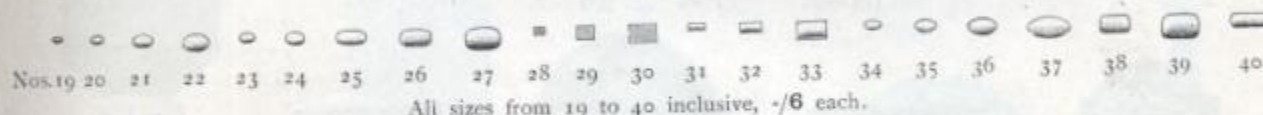
Raising Tools.



Price ... 1/6 each up to No. 17; No. 18, 1/9 each.

Steel Raising Tools.

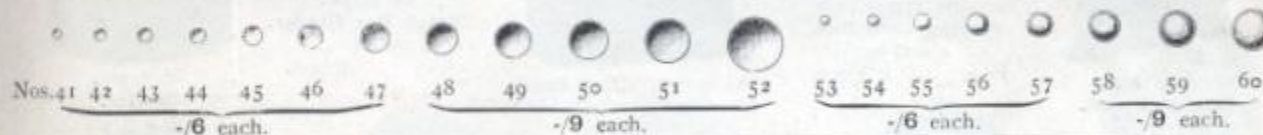
No. 2363w.



All sizes from 19 to 40 inclusive, 1/6 each.

No. 2364w.

Ring Tool and Pearls.



1/6 each.

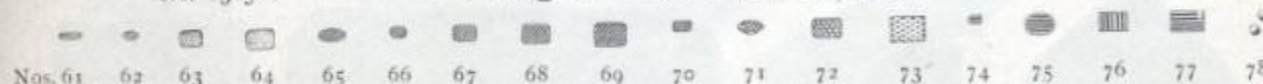
1/9 each.

1/6 each.

1/9 each.

No. 2365w.

Matting or Grounding Tools.



Nos. 61 to 77, 1/- each; Punches No. 78 as illustrated, 1/- each; sizes larger or smaller, same price.

Repoussé Hammers.

No. 2366w.



Bright Cast Steel. Nickel-plated.
1 1/8 in. across face.
2/3 2/7 2/9 each.

With Lancewood Handles as illustrated.

No. 2367w. Second Quality, 1/9, 2/3, 2/3 each.

Burnishers	...	each	1/7 and 1/10
Blow Lamps for removing cement	...	each	5/-
Cement	...	per lb.	1/-
Pitch	...	"	1/5
Box Mallets	...	each	1/-
Sand Bags	...	from	2/-

Sheet Brass, 12 in. wide, any length cut from the roll	per lb.	1/6
Sheet Copper, smooth hard rolled	"	2/-
Brass, cut to size from selected sheets (48 x 24)	"	1/9
Copper, soft sheet	"	2/-
Silver, annealed and faced	per ounce	3/6
Books on Repoussé Work from 1/- each.		

Contractors to the Home, Indian, and Colonial Governments.

PEWTER RELIEF MODELLING.



No. 2368w.
Cabinet Frame.
12 x 6½ in.
Price ... 3/6 each.



No. 2369w.
Door Protector.
11 x 3½ in.
Price 1/3 each.



No. 2370w.
Cabinet Frame.
7½ x 13½ in.
Price ... 3/9 each.



No. 2371w.
Match Holder.
4 in. high.
Price 1/9 each.



No. 2372w.
Serviette Ring.
2½ x 1½ in.
Price 1/- each.



No. 2373w.
Cabinet Frame.
8 x 10 in.
Price ... 3/9 each.



No. 2374w.
Watch Stand.
4 x 7½ in.
Price ... 2/- each.



No. 2375w.
Playing Card Box.
4 x 2½ in.
Price ... 1/9 each.



No. 2376w. Clock Case.
Complete with reliable Clock.
2 in. Dial.
6½ x 4½ in. Price 5/3 each



No. 2377w.
Match Box Holder.
1½ x 2½ in.
Price ... 1/9 each.



No. 2378w.
Blotter.
3½ x 3½ in.
Price 2/4 each.



No. 2379w.
Blotter.
6½ x 3 in.
Price ... 1/10 each.



No. 2380w. Ash Tray.
5½ x 1½ in. Price 2/9 each.



No. 2381w. Belt Clasp.
3½ in.
Price ... 1/6 each.



No. 2382w. Glass Tray.
12 x 4½ in.
Price ... 2/9 each.



No. 2383w. Belt Clasp.
3½ in.
Price ... 1/6 each.



No. 2384w. Pipe Rack.
12 x 6 in. Price 2/6 each.



No. 2385w. Pencil Box.
9 x 2½ x 1½ in. Price 1/10 each.



No. 2386w. Box (with Lock).
9½ x 6½ x 4 in. Price 5/11 each.



No. 2387w. Cabinet Frame.
10½ x 8½ in. Price 3/9 each.

Bronze Medal, 1884.—Gold Medal, 1890.

PEWTER RELIEF MODELLING.



No. 2388w. Cigarette Box.
6½ × 4½ × 3½ in.
Price ... 4/9 each.



No. 2389w. Letter Rack.
7½ × 4 × 2½ in.
Price ... 1/3 each.



No. 2390w. Inkstand.
4½ × 4½ × 3½ in.
Price ... 3/6 each.



No. 2391w. Box.
7½ × 5½ × 2½ in.
Price ... 3/9 each.



No. 2392w. Hand-Glass.
13½ × 6 in.
Price... 5/3 each.



No. 2393w. Hanging Letter Rack.
9½ × 5 in.
Price ... 2/- each.



No. 2394w. Inkstand.
6½ × 5 × 2½ in.
Price ... 3/3 each.



No. 2396w. Pin Cushion.
3 in.
Price ... 1/6 each.



No. 2398w. Hand Mirror.
11½ × 4½ in.
Price ... 3/9 each.



No. 2395w. Tooth Powder Box (Glass).
4 × 2 in.
Price ... 1/10 each.



No. 2397w. Flower Bowl.
5½ in.
Price ... 3/- each.



No. 2403w. Trinket Box.
3½ × 3½ in.
Price ... 2/3 each.



No. 2399w. Puff Box (Glass).
3 in.
Price ... 1/6 each.



No. 2400w.



No. 2401w. Hat Pins (½ size).



No. 2402w.

Price ... 6/6 per doz.



No. 2404w. Photo Frame.
8½ × 10½ in.
Price ... 3/9 each.



No. 2405w. Calendar (Perpetual).
9 × 6 in.
Price ... 2/9 each.



No. 2406w. Cabinet Frame.
9½ × 6½ in.
Price ... 2/9 each.



No. 2407w. Clock and Case, 3 in. Dial.
6½ × 9 in.
Price... 8/6 each.

Tool, Machine, and Hardware Merchants and Manufacturers.

"Primus" Stoves and Accessories.

Collapsible Patterns.



No. 2408W. 1 pint (Roarer) 9/- each.
 „ 2409W. 1 „ (Silent) 9/3 „
 „ 2410W. 2½ „ (Roarer) 11/6 „
 „ 2411W. 2½ „ (Silent) 11/6 „
 (Prices are without Top Ring.)



No. 2412W. Special Pattern Burner, which can be made either Silent or Roarer. Complete with Silencer, Burner Hole Cover, and Top Ring. 9/6 each.



The "Primus" Holdfast Board.

No. 2413W.
 1/6 each. Securely holds Primus Nos. 2422W or 2429W. Can be screwed to Deck or Table.

The "Primus" Yachting Top Ring. 2413½W.

1/- each. For clipping on to legs of Primus. One side of ring grips 7 in. Kettle, the other side for 8½ in. Frypan or Kettle.



The New Pocket "Primus" Outfit.

No. 2414W.

Invaluable for Cyclists, Scouts, Motorists, etc. Size 5½ in. x 4½ in. x 2½ in. Stove complete with Tin Box and Spirit Can, 10/6 each.

The "Compact" Primus Outfit.



No. 2415W.

A Handy Outfit, consisting of—Tin Box, Oil and Spirit Cans, Wind Shield, Box of Reserve Parts, Swab, and Space for a Collapsible Primus. Suitable for Yachting, Camping, etc.



The "Primus" Yachting Gimbol.

No. 2416W. Made of Galvanized Cast Iron and is collapsible. Can be fixed either to Deck, Table, Floor, or Cabin wall. Price 7/6 each.



"Primus" Iron-Heaters.

Will keep Irons at uniform heat for all kinds of Ironing.

No. 2417W. For 3 Irons (not on Stand), 2/6 each.
 No. 2418W. For 3 Irons (on Stand), 5/6 each.
 No. 2419W. For 4 Irons (on Stand), 6/6 each.



The New "Primus" Tea and Luncheon Basket.

(Fitted for 4 Persons.)

No. 2420W.

All Fittings are of the best quality, the Kettle being of Polished Copper. Basket fitted with the New Pocket Primus Outfit.

Price complete, £5 17 6
 Size 16 in. x 12 in. x 10 in.



"Primus" Toaster.

No. 2421W.

The four sides are available for Toasting, while the top may be used for Boiling at the same time. Price 1/- each.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

THE GENUINE "Primus" Wickless Paraffin Cooking Stoves.



No. 2422w. Junior, 2½ pint (Roarer), 9/6 each.
No. 2423w. Junior, 2½ pint (Silent), 9/3 each.



No. 2424w. Senior, 2½ pint (Roarer), 9/9 each.
No. 2425w. Senior, 2½ pint (Silent), 9/11 each.



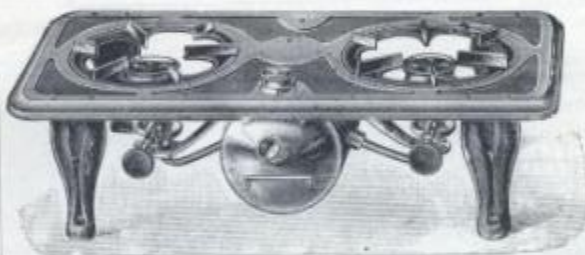
No. 2426w. 1½ pints (Roarer), 8/6 each.
No. 2427w. 2½ pints (Roarer), 10/6 each.
(Original Patterns.)



No. 2428w. 1½ pints (Silent), 8/6 each.
No. 2429w. 2½ pints (Silent), 10/6 each.
(Original Patterns.)



No. 2430w. 1 pint (Roarer), 7/6 each.



Important Pattern.

"Primus" Duplex Range.

No. 2432w. Made of Stamped Steel Plate, Brass Tank. 20 in. long x 9½ in. wide x 5½ in. high. Weight 7½ lbs. 26/9 each. Galvanized, 1/6 extra. Fitted with Brass Top, Rails, and Pillars, 4/-.

No. 2431w. 1 pint (Silent), 7/9 each.

The above range is fitted with 2 "Primus" Roarer Burners, the paraffin being supplied from a central 3½ pint tank. Each burner has a regulating valve and either flame can be regulated or extinguished separately.



Extra Large Sizes.

No. 2433w. 4 pints (Roarer), 18/3 each.
" 2434w. 6½ " " 38/3 "
" 2435w. 5½ " (Silent), 36/3 "



Closed (for the pocket).



Extended (for use).

"Primus" Pocket Cleaning Needle (regd.).

The Sheath is the size of ordinary Pocket Knife and contains sliding needle, which can be easily withdrawn and replaced when worn out.

No. 2436w. 2/6 dozen (each needle has 3 refills).

(Extra refills, 1/6 dozen packets of 3.)



"Primus" Range.

No. 2437w. Made of well-finished Cast Iron. The centre opening is for boiling and the two end ones for simmering. Size 26½ in. x 9½ in. x 9 in. Collapsible. Price 11/3 each. (Without Stove or utensils.)

Aluminium Kettle ... 3/9
" Stewpan ... 2/6



Boxes of Reserve Parts.

Consisting of Tin Box containing Nipples, Nipple Key, Needles, Washers, etc.

Box L. For Roarer Patterns ... 1/9 each.
" M. " Silent " ... 1/3 "
" K. " No. 2408 Primus ... 1/9 "
" P. " " 2409 " ... 1/3 "

A large and varied Stock of Engineers' Tools and Motor Accessories.

"Primus" Hestia Cooking Ovens, Etc.

New and Improved Patterns.



A practical Oven for small family and very suitable as a breakfast oven. Inside measure 10½ in. deep, 8½ in. high, 9½ wide. No. 2438w. Price 14/6 each (with baking pan).

Hestia (Regd.)
for use with
No. 2434w.

The present construction of these Ovens is the outcome of many years' experience. Strongly recommended and thoroughly efficient.

There are NO BETTER OVENS on the market for use with "Primus" Stoves.

Will bake bread, roast and do all kinds of cooking.

Made of stout Sheet Iron, Japanned Black.

No Cooking Utensils or Stoves are included in the prices.



No. 2439w.

"Primus" Tripod Stand.

Three utensils may be boiled at one time. Can also be used for heating irons. Made of well-finished cast iron.

Price 5/3 each, without stove or utensils.



Galvanized Ovens can
be made to order.

"Hestia" for use
with Nos. 2424w
and 2429w.

Will cook a complete dinner for six persons. Vessels can be kept boiling on top, while baking generally inside. Plate warmer at side. Inside measure 12½ in. deep, 10½ in. high, 13 in. wide.

No. 2440w. Price 26/6 each (with baking pan).

"Hestia" specially suitable for yachting or draughty places. The door, back, and side of oven are jacketed and packed with special heat-retaining material.

No. 2440½w. Price 30/6 (with baking pan).



No. 2441w.

For use with two No. 2425w Stoves.

This Oven has been specially constructed for large families on the same principle as No. 2424w, excepting that two stoves are necessary (one at each end), the plate warmer being at the bottom. There are 3 pot holes at top, and several vessels can be kept boiling. Inside measurements 15 in. deep, 12½ in. high, 18 in. long.

Price 45/- (with baking pan 17 in. x 12 in.).

Contractors to the Home, Indian, and Colonial Governments.

"PYRSOS" STOVES AND ACCESSORIES.

A New System of Paraffin Oil Pressure-Gas Stove.—PATENTED.

POWERFUL AND RAPID BOILING, COOKING AND HEATING STOVE,
WITHOUT A WICK.

Length 16½ in. Width 12½ in. Height 4½ in.

Prices of Complete Stoves :

Black Cast Iron "Pyrso's"	£1 : 8 : 0
Nickel-Plated or Enamelled "Pyrso's" (a very nice, decorative and rich Stove)	1 : 15 : 0
Aluminium "Pyrso's" (very light and elegant)	3 : 10 : 0
Polished Brass "Pyrso's" (highly decorative) ...	4 : 4 : 0

NOTE.—In these prices of complete stoves are included
Wrought-Iron Tray and Automatic Can.

"Pyrso's" Stove. No. 2442W.



Automatic
Can.

No. 2443W.



Only 1/6

Yachting "Pyrso's." No. 2444W.

This stove is especially designed
for yachts, barges, boats, etc., in
order to obviate any fear of its
moving during use, even in the
roughest weather. As shown in
figure, the top plate of the Yachting
"Pyrso's" is provided with a
cast iron frame on which three
movable uprights are fastened by
means of wing-screws.



PRICES :

Complete Black Cast Iron Stove
with Safety-frame, £1 : 18 : 0

Complete Nickel-Plated Stove with
Safety-frame, £2 : 16 : 0

Complete Stove in Polished Brass
with Safety-frame, £4 : 15 : 0

"Pyrso's" Stove. No. 2445W.

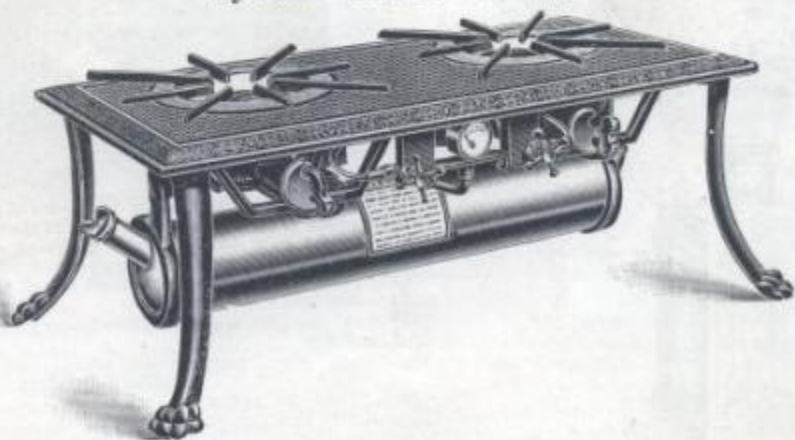
Dimensions:

Length 25 in.

Width 13 in.

Height 11 in.

Two independent
Hearths.



Price, £2 : 7 : 6

NOTE.—In this
price of "Pyrso's"
Stove are
included Wrought-
Iron Tray and
Automatic Can.

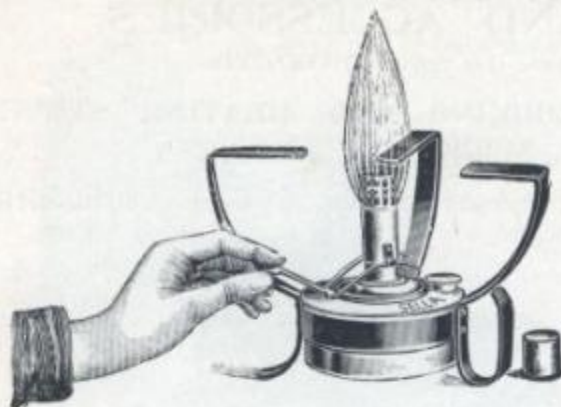
Please ask for Cutlery and Aluminium Illustrated Catalogues.

Melhuish's Sheffield Cutlery is known throughout the World for its Quality.

Bronze Medal, 1884.—Gold Medal, 1890.

METHYLATED SPIRIT STOVES.

Complete List on application.



No. 2446w.

Very powerful Stove with practical press-button regulator, burner screwed into basin. Seamless polished brass basin with filling screw, black iron stand.

Basin	1	2	3
	2 1/2	3 1/2	4 in. diam.
	2/-	3/3	4/- each.



No. 2448w.

The "Conical" Stove system, long burner with brass screw cap and stand, with brass pillars. Stove to pack in Saucepan.

Tin At quality, capacity	0	1	2
	1/2	1	1 1/2 pints.
Tin extra heavy	1/6	1/9	2/- each.
Nickelled Brass, beautifully finished	3/-	3/3	3/6 "
	6/6	7/6	8/9 "

Candle

Lantern.



No. 2450w.

Superior quality, with glasses. Special strong line, riveted throughout with copper rivets.

10 in. x 4 in., 1/6 each.



No. 2447w.

Extra heavy, large size Rechaud very powerful flame, fitted with brass burner and cap, regulator, filling screw and detachable iron plate.

4 1/2 in. diam.	...	...	...	2/9 each.
5 1/2 in. diam.	...	...	...	3/6 "

The "Primus" Stove Oven. No. 2449w.



The "Primus" Stove Nos. 2422w or 2429w and a "Duck" Oven will cook a complete dinner for ten persons at a cost of about 1 1/2d. for oil.

It will roast meat, bake pastry or puddings, cook vegetables and heat water in copper boiler all in one operation.

The "Duck" Ovens are strongly made of best sheet iron, japanned black, and are very light and portable.

The "Duck" Oven, No. 2449w, including Copper Boiler, Pan and Grid, price 32/6

Without Boiler 19/6

The "Duck" Oven, complete with utensils and "Primus" Oil Stove and shelf as illustrated:

"Duck" Oven, No. 2449w	...	...	...	£1 12 6
3-pint Kettle, Best Tin, Size A	...	...	...	0 2 3
3-pint Saucepan	...	...	...	0 2 3
Steamer	...	...	...	0 2 0
Baking Plate	...	...	...	0 0 4
"Primus" Oil Stove Nos. 2422w or 2429w	...	...	...	0 10 6
Special Shelf No. 71, for use with "Primus" Oil Stove	...	...	...	0 1 9
Total	...	...	...	2 11 7

Tool, Machine, and Hardware Merchants and Manufacturers.

The Celebrated Carbotron Stoves and Fuel.

The very Stove for the Motor House. The only Pattern which meets with the Approval of Fire Insurances.

There is no danger of sparks flying out and causing, disastrous fires, such as are constantly occurring.

They can be moved about whilst alight and placed upon wood floors or carpets without any risk of damage or fire.

Their heat can easily be regulated, and they can be transferred from one part of the room to another at any moment without leaving any dust or dirt where they have stood, the feet of the Stoves being quite cool.

All the heat from the Stoves goes into the rooms and not the greater part up the chimney, as in open coal fires; this is an important fact.

They are also specially suitable and are largely used for heating Motor Houses, Garages, etc., for as the fire is not exposed, and owing to the entire absence of flame, there is no danger, with ordinary care, of petrol catching fire and exploding. **This cannot be claimed for any other kind of Stove**, and we therefore confidently recommend them to all owners of Motor Cars, for preventing damage by frost.

When once lighted, the Stoves require no further attention from six to twelve hours, according to the regulation of the ventilators, as the Carbotron burns slowly and evenly.

They can be placed in Entrance Halls, Corridors, Offices, Shops, Warehouses, Hothouses, Coach-houses, etc., in fact in all kinds of rooms, even where there is no chimney or flue, and are specially adapted for Motor Houses, to prevent freezing.

When placed in Lavatories, etc., in winter they will prevent water pipes and fittings from freezing and bursting, and thus save great expense and inconvenience, as is so often experienced in our changeable climate.

These Stoves and their fuel cause no dust, leave no cinders, and do not want cleaning out daily like ordinary fire-places, thereby greatly economising time and material.

The pan containing water at the top of the Stove is for the purpose of keeping the air moist, and this is invaluable for throat and chest affections, when, with the addition of a little Eucalyptus Oil, etc., the action of the steam will greatly relieve the sufferers.

The Midget.

Plain Cast-iron Top,
no Water Basin.

Size 2 ft. by 6½ in.
No. 2451w.



Price 17/-

Approximate Heating
Power,
up to 1,000 cubic feet.

Modern Stove.

Plain Cast-iron Top, no Water Basin.
No. 2452w.

Specially
suitable
for
Heating
Motor Houses,
Garages,
etc.

Size:
2 ft. 3 in. by 8 in.



These Stoves will
be found of great
value, as they give
out a good heat,
and there is no
danger, with ordinary
care, of the petrol
vapour catching fire
or exploding.

Approximate Heating
Power,
up to 1,200 cubic feet.

SOLD IN THOUSANDS.

Price £1 : 0 : 0 each.

With Plated Top and Water Basin, 7/- extra.

Marathon Stove.

Plain Cast-iron Top, no Water Basin.
Size 2 ft. 11 in. by 10 in.

No. 2453w.



Price £1 : 8 : 6 each.
Heating Power, 3,500 cubic feet.

Carbotron is a chemical compound which in burning gives off neither smoke, smell, nor fumes, develops a great amount of heat, and burns with very little draught.

The Fuel can also be had in One Cwt. boxes with the Carbotron cylinders packed side by side, by hand, at the works, thus avoiding broken pieces, and being much cleaner to handle and store.

Quantities of at least 20 bags or boxes at a time, equal to one ton, are delivered carriage paid to any part of the United Kingdom.

Price 15/- per Bag containing One Cwt., packing free.

Price 15/9 in Box, not returnable.

Stoves in quantities of at least 12 are sent Carriage Paid, less quantities Carriage Forward.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

Where the approximate heating power of the Stoves is given it is understood to be in rooms having doors, windows, and flues only.

Packing for Stoves charged extra, but allowed if returned carriage paid and in good condition within fourteen days.

In Shops with outer doors opening continually, and for Conservatories and other Glass Houses the heating power will be less in proportion.

On account of their great convenience and portability, these Stoves are extremely useful for many purposes; amongst them we may mention the heating of Entrance Halls, Corridors, Shops, Rooms, Motor Houses, Greenhouses, etc., as, if necessary, they can be carried about from place to place whilst burning.

Sand-Papering Machines.

No. 2454W.

With this machine the straight faces of articles which are difficult to plane or smooth up by hand can be rapidly finished off with a smooth surface.

Owing to its high speed everything is of the best quality; the discs are of high-class iron truly turned and balanced, the gun-metal bearings are of good length, the standard is of massive design with a good base area, which ensures steady running, and the method of fastening the sand paper on is most simple; when worn, the paper can be replaced in about a minute.

The loose pulley is gun-metal bushed, and the belt striking gear is most conveniently placed.

Machine as illustrated, with 41 in. discs, fast and loose pulleys, and belt shifter complete, £18 : 10 : 0.

Other sizes will be quoted for on application.



Glass Paper and Emery Cloth.

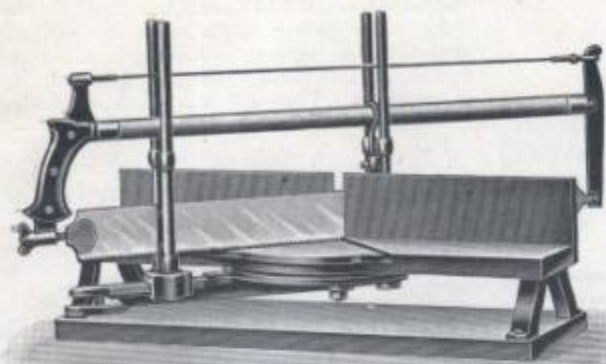


Atlas Brand.

		Per quire. 24 sheets.	Per ream 480 quires.
No. 2455W.	"Atlas" Improved Cabinet Glass Paper, good strong quality, tough and flexible	-/8	11/-
" 2456W.	Oakey's Cabinet Glass Paper	-/9	13/6
" 2457W.	Oakey's Emery Cloth	1/10	25/-
" 2458W.	Blue Twilled "Atlas" Emery Cloth, extra strong "Flexible," stamped name and trade mark in black; specially made for Engineers, Cycle and Sewing Machine Makers; most suitable for use in strips and all those purposes where great strength, durability, and perfect flexibility are required	3/-	44/-
" 2459W.	Carborundum Cloth, sheets 11 x 9 in., Nos. 2, 1 1/2, 1	3/9	—
" 2460W.	" " " Single Sheet, -/2 " 1/2, FFF, FF, F	3/3	—

A large and varied Stock of Engineers' Tools and Motor Accessories.

Improved Mitre Box. No. 2461W.



Longitudinal Gauge with Adjustable Jaws for cutting cornices or mouldings of the same length.

For picture-frame makers, joiners, cabinet-makers, etc., etc.

For accuracy of construction, exactness of cut, easy handling and great durability, they are far superior to most patterns now on the market.

The new Bow Saw, with Stay consisting of a **Steel Tube**, is handier than an ordinary back saw and lighter than a wooden frame. It also

allows what is an important point for accurate cutting—viz. the tightening up of the Saw Blade to a greater degree than is possible in other saws. The blade is steadied by 2 Adjustable Steel Guides. The bed of the Mitre Box is entirely of Iron, and the Table has a wooden segment fitted in the cutting circle.

To take mouldings up to 5½ in. high x 4 in. wide. Approximate weight, 26 lb. Price complete, 43/6
Extra Saw Blades, 25½ in. long ... 1/9 each. Saw Guide



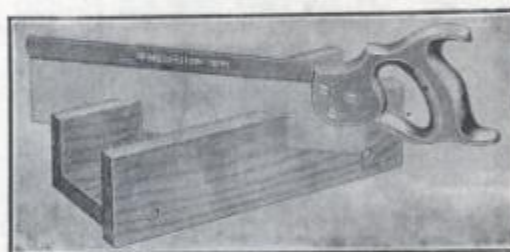
Mitre Box.

No. 2462W.

Set complete with 12 in. Warranted Back Saw.

This is a good, cheap, and useful combination for picture and other mouldings, amateurs' use, etc., etc. The Mitre Box is made of hard wood with mitre and straight cuts. It is 12 in. long, 2½ in. wide, and 2½ in. high inside.

Price ... 5/6 per set.
Packed in Paper Box. Weight 3½ lb.



Improved Marking Gauge. No. 2463W.

Marked in Centimetres and Millimetres. No knocking of the Gauge is necessary to adjust it. By simply releasing the counter-sunk brass set-screw, which works on a small brass plate, the Gauge can be adjusted instantly. The head is of lignum vitae and is extra large. The points are of fine steel and can be adjusted when worn.

Price ... 1/6 each.



The "Atkins" Silver Steel Saws. WITH PERFECTION HANDLE.

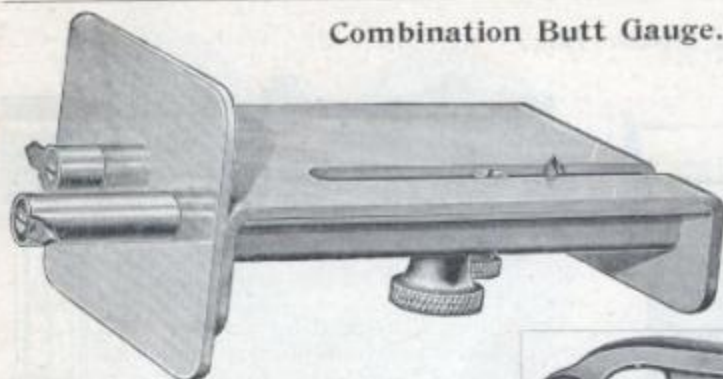
The Blades of these celebrated Saws are manufactured from a special fine tool steel capable of high temper and taking a keen cutting edge without crumbling. The Teeth hold their set longer and do more work without filing than other saws. The Blades are ground so carefully from teeth to back and from point to handle that they would not bind even if worked without set. Special attention is called to the forms of the Blade and the Handle, whereby the Saw conforms to and balances well in the grasp of the hand, and enables full cutting force to be given the entire length of the Blade.

No. 2464W.



Size 24 in. ... 5/9. 26 in. ... 6/-. 28 in. ... 6/9 each.

Contractors to the Home Indian, and Colonial Governments.


Combination Butt Gauge.

No. 2465W.

Specially designed for Door Hanging and Mortice Work. The Double Edge Spurs are carefully hardened, the one on the back end of the double-end bar is adjustable for the regulation of clearance. This Gauge is made entirely of Steel, full polished and nickel-plated.

Price ... 3/3 each.

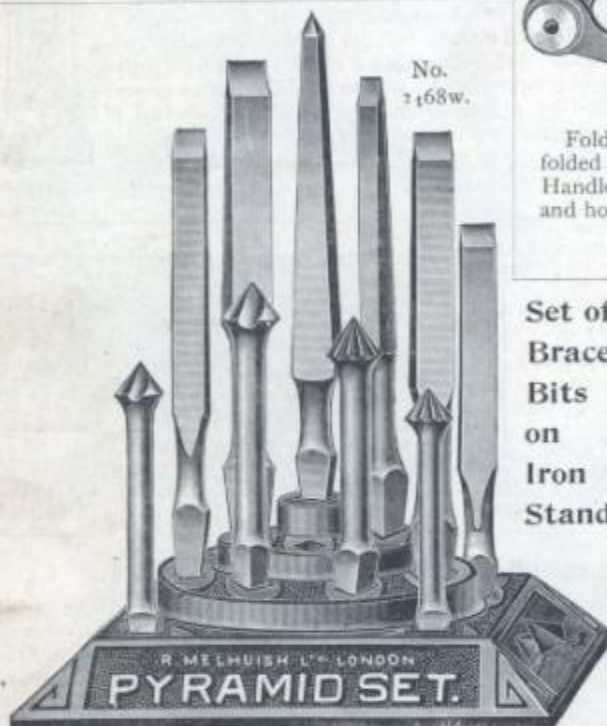
Adjustable Handle Drawing Knives (Patented).

No. 2466W.



Folds into small space, goes into hand tool case or shoulder chest; folded handles protect cutting edge. No slots to hurt the hands. Handles adjust to suit workman. Blades properly tempered, ground and honed. Tangs extend through handles.

Size ...	8	10 in.
Price ...	7/6	8/6 each.



No. 2468W.

**Set of
Brace
Bits
on
Iron
Stand.**
**Nickel-
Plated
Bit
Holder.**

No. 2467W.


Takes any
ordinary
Bit.

Price
-/6
each.

Cabinet and Wood Scraper.

With
Raised
Handles.


No. 2469W.

Nickel-Plated, 10 in. long, with 2½ in. Tool Steel Cutter.
Price ... 4/6 each.



No. 2470W. Stand only. Price 2/9 each.

Handled Cabinet Scraper. No. 2471W.

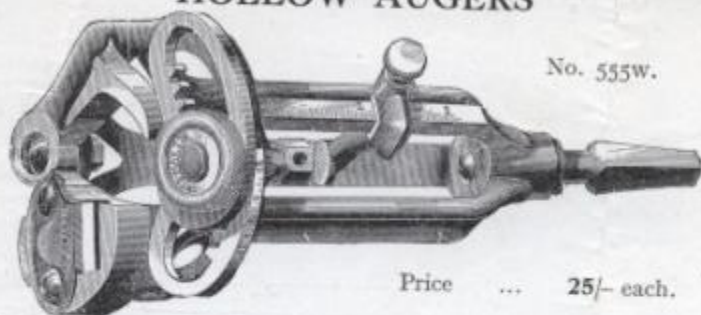

With Removable Blade. Price 1/6 each.
Extra Blades, 5/- per doz.

Bronze Medal, 1884.—Gold Medal, 1890.

TOOL AND MACHINE MERCHANTS

HOLLOW AUGERS

This will cut all sizes from $\frac{1}{4}$ to $1\frac{1}{2}$ in. diameter. In moving for different sizes no alteration of the knife is necessary, the change being made by simply turning the thumbscrew in the rack.



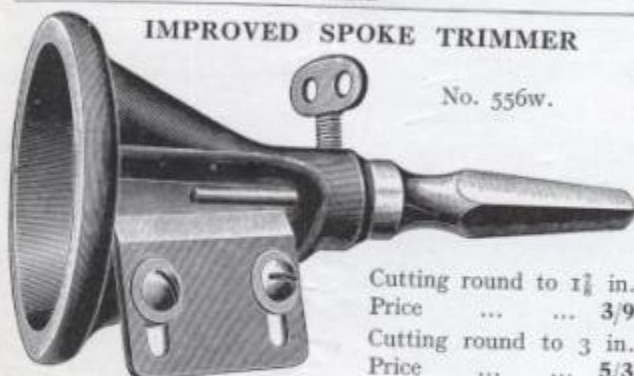
No. 555w.

It is provided with an adjustable stop, or depth gauge, sliding on a rule-marked scale, by means of which the length of tenon cut can be regulated exact, from 1 to 3 in.

Price ... 25/- each.

IMPROVED SPOKE TRIMMER

No. 556w.



Cutting round to $1\frac{1}{2}$ in.

Price ... 3/9

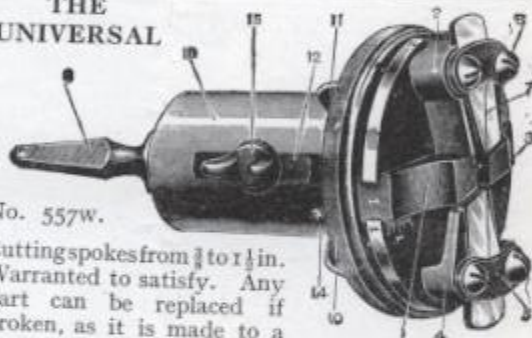
Cutting round to 3 in.

Price ... 5/3

THE UNIVERSAL

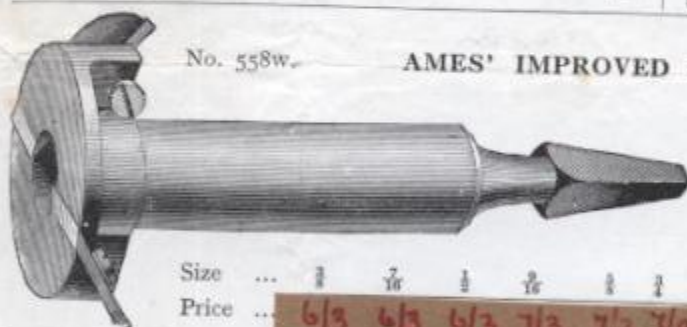
No. 557w.

Cutting spokes from $\frac{3}{4}$ to $1\frac{1}{2}$ in. Warranted to satisfy. Any part can be replaced if broken, as it is made to a gauge. Price 33/- Extra cutters, 4/- per pair.



No. 558w.

AMES' IMPROVED HOLLOW AUGER



This shows the well-known non-expanding type.

Extra cutters, 4/6 per pair.

Size ...	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{2}$	$1\frac{1}{4}$	$1\frac{3}{4}$	$1\frac{1}{2}$	$1\frac{1}{2}$ in.
Price ...	6/3	6/3	6/3	7/3	7/3	7/9	9/-	10/-	11/6	12/6	14/-	14/9 each.

AWARDS FOR EXCELLENCE OF TOOLS AND MACHINES

BRONZE MEDAL 1884



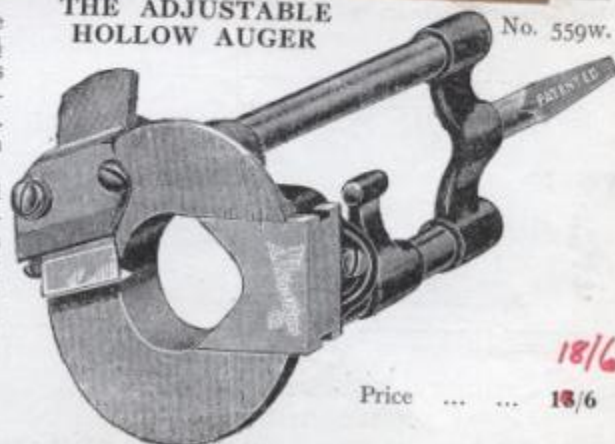
GOLD MEDAL 1890

Adjustable from $1\frac{1}{2}$ to $1\frac{1}{2}$ in. full. Does not cut smaller than $1\frac{1}{2}$ in. nor larger than $1\frac{1}{2}$ in. full.

Easily and quickly adjusted. Screws and wearing parts hardened. Patent Stop and Knife Clamp. Simple, durable, and accurate.

THE ADJUSTABLE HOLLOW AUGER

No. 559w.



Price ... 18/6

Electric and Wireless Engineers

RICHARD MELHUISH LIMITED, LONDON, E.C.

BEST QUALITY CAST AND VANADIUM STEEL SAWS

No. 560w

Melhuish's New Skew Back Saws. All bearing our name.



The blade is ground thinner at back than front, and has a peculiar shaped butt or heel, which enables a full sweep of the Saw to be given without the possibility of catching in the work. The handle is of polished Beech, and is firmly secured to the blade by improved nickel-plated screws.

Length	...	20	22	24	26	28	in.
Price	...	9/-	9/9	10/9	11/9	12/-	each.
With ordinary handles				Handles with thumb holes as drawn.			

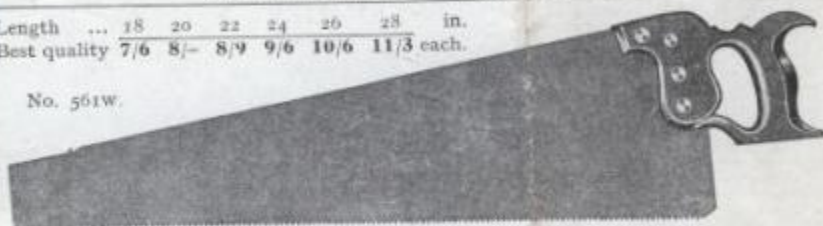
LONDON PATTERN HAND SAWS

Fully Warranted.

The sterling quality of these Saws has secured for them an extensive adoption amongst first-class workmen throughout the country. Special attention is given to the tempering and finishing of the blades, which are ground about 4 gauges thinner at back than front.

Length	...	18	20	22	24	26	28	in.
Best quality	...	7/6	8/-	8/9	9/6	10/6	11/3	each.

No. 561w.



Size	...	20	22	24	26	28	in.
Price	...	10/3	11/3	13/3	14/3	15/6	each.



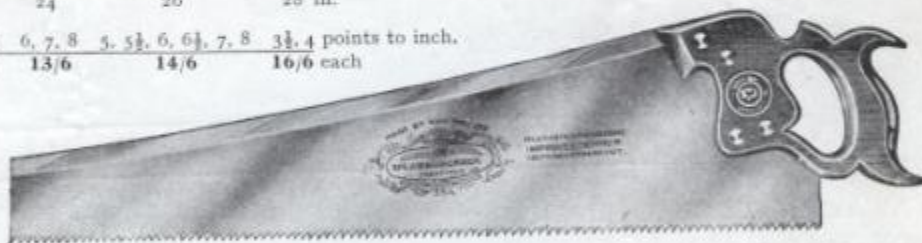
No. 562w.

Warranted Silver Spring Steel, improved temper, mirror finish, selected English Beech handles polished all over.

Size	...	20	22	24	26	28	in.
Standard sizes	...	10-12	10-12	6, 7, 8	5, 5½, 6, 6½, 7, 8	3½, 4	points to inch.
Skew back	...	10/6	11/6	13/6	14/6	16/6	each

No. 563w.

This Saw answers to the same description as No. 562w above, but has skew instead of straight back.



Size	...	20	22	24	26	28	in.
Skew back	...	16/-	17/-	17/9	18/9	20/3	each.
Standard of teeth as above.							

No. 564w



Vanadium Alloy Steel, improved temper, mirror polish, carved Hardwood handles, polished all over, raised brass screws. These Saws are the best that can possibly be made, regardless of price. The blade is made from a secret alloy of Vanadium Steel, of great toughness, and will work longer than any other saw without sharpening, being at the same time more difficult to buckle in use.

Attention is requested to the following when ordering :

* Six points



or tops.

All our Saws are stamped the number of points—not teeth—to the inch (see example). Kindly order accordingly.

We endeavour to keep in stock the following points in the best quality Saws.

20 in. Panel	...	—	—	—	10	11	12
22 " "	...	—	—	—	10	11	12
24 " "	...	7	8	9	10	—	—
26 " Hand	...	5	5½	6	7	8	—
28 " Rip	...	—	3	3½	4	—	—

Bronze Medal 1884—Gold Medal 1890

REVISED PRICES

FOR

RICHARD MELHUISH'S LTD.

WOOD WORKING CATALOGUE

No. 21.

PAGE

8	No. 50W.	2"	2 1/8"	2 1/4"	2 3/8"	2 1/2"	
		With cut irons ... 11/3	11/6	12/-	13/6	14/6	each.
		With parallel irons ... 11/9	12/-	12/6	14/-	15/-	"
		2 1/8" with steel plated sole, 26/- each.	2 1/8" with parallel irons, 27/- each.				
	No. 51W.	2" 6/9, 2 1/8" 7/3, 2 1/4" 7/9 each.	No. 52W.	Cancelled.			
	No. 53W.	2 1/8" 24/6, 2 1/4" 25/6. Parallel Irons, 6d. each extra.	No. 54W & 55W.	Cancelled.			
	No. 56W.	2"	2 1/8"	2 1/4"	2 3/8"		
		13/6	14/6	15/-	17/-	each.	
		With parallel Irons ... 14/-	15/-	15/6	17/6	"	
		With Try handles, 1/- each extra.					
		CUT IRONS. PARALLEL		CUT IRONS. PARALLEL		IRONS.	
	No. 57W.	Try 20" x 2 1/4"	18/-	18/6	Jointer 26" x 2 1/8"	22/-	22/6 ea.
		22" x 2 1/4"	18/6	19/-	28" x 2 3/8"	23/6	24/- "
		24" x 2 1/8"	19/6	20/-	30" x 2 3/4"	25/-	25/6 "
		Boxwood Striking Buttons, 6d. each extra.					
9	No. 58W.	13/- each.	No. 59W.	10/- each.	No. 60W.	11/-, with parallel irons, 6d. each extra.	
	No. 61W.	18/9 each.					
	No. 62W.	Mitre Plane 14/-, with Skewmouth 16/6, with Box. Front 21/-, with Box. Front and Double Irons 25/- each.					
		22" x 2 1/4" Single Iron sq. mouth ... 32/-	22" x 3" Part plated sole mouth 43/-				
		22" x 3" Full sole mouth ... 56/-					
	No. 63W.	2 1/4" ... 27/6 each.	No. 64W.	Box Slipped 2 1/4" ... 35/- each.			
	No. 65W.	Panel Plane, 2 1/4" ...					each 18/6
	No. 66W.	3/8", 1/2", 5/8", 3/4" 15/6 pair.	7/8", 16/6 pair.	1", 17/- pair.			
	No. 67W.	Adjustable Match Planes with 3 pairs irons ...					pair 36/-
		Grooving Planes for drawer bottoms ...					" 10/-
		" " with sliding fence ...					" 14/-
10	No. 68W.	Coachmakers. ... Smooth 8/6, Compass 10/6, Concave 11/- each.					
	No. 69W.	T Rebate 1 1/2" ... 10/6.	Compass Rebate ... 11/6 each.				
	No. 70W.	2" Compass Plane 11/6, with box stop 18/6, with brass stop 22/6 each.					
	No. 71W.	Trenching with wood stop 12/-, ditto with brass stop 18/6 each.					
	No. 72W.	Set of 4 Single, 68/6. Set of 3 Double, 85/-.	Hoop Joint, 37/6.				
	No. 73W.	Chamfer Plane with Beech Fence, 18/3 each.	Ditto with Box. Fence, 20/9 each.				
		V Plane to 3/8", 12/- each.					
	No. 74W.	All sizes to 12 square mouth ... pair 11/9	1/2 set of 9 pair square mouth ... set. 107/-				
		" " skew " ... 13/-	" " skew " ... 119/-				
		" 12/18 square " ... 12/3	Full set of 18 pair square mouth 214/-				
		" " skew " ... 14/-	" " skew " ... 238/-				
		Side Rounds ... 16/6					
	No. 75W.	1 1/8" to 1 1/2", 6/9 each.	1 3/8", 6/9 each.	1 1/2", 7/- each	1 3/4", 9/5 each.		
	No. 76W.	1 1/4" to 1 1/2", 7/- each.	1 3/8", 7/- each.	1 1/2", 7/3 each.	1 3/4", 9/9 each.		
		Boxed edge, 2/- each extra.	Handled Circular Plane, 35/- pair.				
		Shoulder Box, edges 3/6 each.	Side Rebate Planes, 16/6 pair.				

- 11 **No. 77W.** Plough Planes, Wood Stop ... each 25/- Plough Planes with 8 irons ... each 30/-
 " " with brass stop ... 41/- " " Improved side stop 47/-
 " " with skate end ... 50/- " " box screw stem 67/6
No. 78W. Cancelled. **No. 79W.** Plough screw stem, skate end, 90/- each.
No. 80W. 14/9, 17/6, 27/-, 29/-, 39/6 each.
No. 81W. 25/6, 30/-, 32/3, 48/6, 56/3 each. Box. Stems, 7/6 each extra.
- 12 **No. 82W.** 6/8, 7/6, 8/3, 8/9 each. Slipped, 8/3, 8/9, 9/3, 10/- each.
No. 83W. Set of 8 ordinary ... set 60/6 Set of 10 ordinary ... set 73/-
 " 8 slipped ... 65/- " 10 slipped ... 85/6
 Remainder cancelled.
No. 84W. Cock Beads to $\frac{1}{4}$ " ... 6/9 each.
No. 85W. $3/16"$, $\frac{1}{4}"$, $5/16"$, $\frac{3}{8}"$, $9/6$, $\frac{1}{2}"$ 10/-, $\frac{5}{8}"$ 10/6, $\frac{3}{4}"$ 11/-, $\frac{7}{8}"$ 11/6, 1" 12/-.
No. 86W. 2 Reed $\frac{1}{8}"$... 10/6 2 Reed $\frac{1}{4}"$... 11/-
 3 " $\frac{1}{2}"$... 11/9 3 " $3/16"$... 12/- 3 " $\frac{1}{4}"$... 12/6
No. 87W. $6/6$, $\frac{1}{2}"$ 7/-, $\frac{7}{8}"$ 7/6, 1" 8/3 each.
No. 88W. $8/3$, $\frac{3}{4}"$ 8/3, $\frac{7}{8}"$ 9/-, 1" 9/9 each. Quirk Ogee and Bead, $\frac{5}{8}"$ 11/-, $\frac{3}{4}"$ 11/3, $\frac{7}{8}"$ 11/6, 1" 12/-
No. 89W. $\frac{3}{4}"$, $\frac{1}{2}"$, 1" 10/9 each.
No. 90W. $6/6$, $\frac{1}{2}"$ 7/-, $\frac{7}{8}"$ 7/6, 1" 8/3 each. Quirk, $\frac{5}{8}"$ 8/6, $\frac{3}{4}"$ 8/6, $\frac{7}{8}"$ 8/9, 1" 9/6 each.
No. 91W. Same as **No. 86W.**
No. 92W. $9/-$, $\frac{3}{4}"$ 9/3, $\frac{7}{8}"$ 11/-, 1" 12/- each. Scotia, $\frac{5}{8}"$ 9/-, $\frac{3}{4}"$ 9/3, $\frac{7}{8}"$ 11/-, 1" 12/- each.
No. 93W. $\frac{3}{4}" \times 1\frac{1}{2}"$... 21/6 $\frac{3}{4}" \times 1\frac{3}{4}"$... 21/6 $\frac{3}{4}" \times 2"$... 23/- pair.
No. 94W. $\frac{3}{4}" \times 1\frac{1}{2}"$... 21/6 $\frac{3}{4}" \times 1\frac{3}{4}"$... 21/6 $\frac{3}{4}" \times 2"$... 23/- "
No. 95W. $\frac{3}{4}" \times 1\frac{1}{2}"$... 18/9 $\frac{3}{4}" \times 1\frac{3}{4}"$... 18/9 $\frac{3}{4}" \times 2"$... 19/9 "
 Sash Templates, 4/- pair. With brass ends, 11/- pair.
- 13 **No. 96W.** **No. 97W.** **No. 98W.** Cancelled for the present.
No. 99W. 9/- **No. 100W.** 17/6, 19/9. **No. 101W.** 15/3, 19/6, 21/- **No. 102W.** 9/-
No. 103W. 20/- **No. 104W.** 13/6. **No. 105W.** 10/- **No. 106W.** 16/6.
No. 107W. 19/6. **No. 108W.** 10/6. **No. 109W.** To $\frac{5}{8}"$, 12/- Above 6d. per $\frac{1}{8}"$.
No. 110W. 12/- **No. 111W.** 19/6.
- 14 **No. 112W.** $1\frac{1}{4}"$ discontinued. 2" £2 5s. 6d. $2\frac{1}{8}"$ £2 5s. 6d. $2\frac{1}{4}"$ £2 6s. 6d. each.
No. 113W. Steel Frame ... £2 10 6 £2 10 6 £2 11 6 each. $2\frac{3}{8}"$ discontinued
 Gun-Metal ... — 2 16 6 2 17 6 each. 2"
 Closed handles, 2/6 extra.
No. 114W. 2" 35/-, $2\frac{1}{8}"$ 36/-, $2\frac{1}{4}"$ 37/- each. Gun-metal 2" 56/6, $2\frac{1}{8}"$ 57/6, $2\frac{1}{4}"$ 58/6 each.
No. 115W. 44/- Skew mouth, 3/6 extra.
No. 116W. $14\frac{1}{2}"$ 65/-, $17\frac{1}{2}"$ 76/6, $20\frac{1}{2}"$ 81/-, $24\frac{1}{2}"$ 96/- each.
No. 117W. 9" 41/-, $12\frac{1}{2}"$ 56/6, $15\frac{1}{2}"$ 64/- each.
- 15 **No. 118W.** **No. 119W.** **No. 120W.** Discontinued. Prices of these in highest quality steel on application.
No. 121W. 82/- **No. 122W.** 45/6.
- 16 **No. 123W.** 5/6. **No. 124W.** 7/6. **No. 125W.** 9/- **No. 126W.** 12/6.
No. 127W. Malleable Iron. 16/-, 18/-, 19/6. Gun Metal. 1" 22/6, $1\frac{1}{8}"$ 23/6, $1\frac{1}{4}"$ 23/9.
 Gun Metal Planes, with Steel Face, 4/6 extra.
No. 128W. 3/- Cutters 9d. each. **No. 129W.** 16/6.
- 17 **No. 130W.** 8×1 , 36/-, $8 \times 1\frac{1}{4}$ 37/-, $8 \times 1\frac{1}{2}$ 38/-, $8 \times 1\frac{3}{4}$ discontinued.
 If with Skew mouth, 2/- extra.
 A, B, C, D, Discontinued. E, 42/-, F, 46/-.
No. 131W. $6" \times \frac{1}{2}"$ 21/6, $8" \times \frac{3}{4}"$ 27/-, $9" \times \frac{3}{4}"$ 28/-, $9" \times 1"$ 31/-, $9" \times 1\frac{1}{4}"$ 33/-, $9" \times 1\frac{1}{2}"$ 35/6.
 If with skew mouth, 2/6 extra. Other sizes discontinued.
No. 132W. $\frac{3}{4}"$ 17/3, 1" 32/-, $1\frac{1}{4}"$ 34/6, $1\frac{1}{2}"$ 39/- **No. 133W.** 13/6.
No. 134W. 9" 22/3, 13" 26/8.
- 18 **No. 135W.** No. 1 12/6. No. 2 16/- No. 3 16/9. No. 4 18/- No. 4 $\frac{1}{2}$ 21/-
No. 136W. No. 5 21/- No. 5 $\frac{1}{2}$ 23/- No. 6 27/- No. 7 30/- No. 8 36/-
No. 140W. 19/- **No. 141W.** 20/- **No. 142W.** 23/- **No. 143W.** 23/-
No. 144W. 26/- **No. 145W.** 29/- **No. 146W.** 33/- **No. 147W.** 40/-

- 19 No. 148W. A, 3/6, Cutters 1 $\frac{3}{8}$ ", B, 5/-, Cutters 1 $\frac{3}{8}$ ". With adjustment, 4/9, 6/9.
 No. 149W. 7/-, extra cutters, 1/4. No. 150W. 7/- No. 151W. 10/-.
 No. 152W. A, 9/6, B, 10/9, C, 11/- No. 153W. 12/6, 13/3.
 No. 154W. Discontinued. No. 155W. 12/6.
- 20 No. 156W. 10/3, 13/6, extra 1 $\frac{1}{4}$ " cutters, 1/10 each. Extra 1 $\frac{1}{2}$ " cutters, 2/3 each.
 No. 157W. 18/- Tothing Irons, 3/- Scraper Plane Irons, 2/6 each.
 No. 158W. 34/- Cutters 3/- each. No. 159W. 17/6. Beading Attachment discontinued.
 No. 160W. 9/-, 6/-, 8/6 each. No. 161W. Plus 150%.
- 21 No. 162W. 13/9. Cutters 2/- each. No. 163W. A, 11/6, B, 12/6. Extra cutters 2/- each.
 No. 164W. A, 16/9, B, 20/-, C, 23/- Cutters 2/6 each. No. 165W. 11/6.
 No. 166W. 9/- No. 167W. 9/-.
- 22 No. 168W. Japanned finish 34/- Nickel discontinued. No. 169W. 31/-.
 No. 170W. $\frac{1}{4}$ " 12/-, $\frac{3}{8}$ " 12/6, $\frac{1}{2}$ " 13/6, $\frac{5}{8}$ " 14/-, $\frac{3}{4}$ " 15/-, $\frac{7}{8}$ " 15/6, 1" 16/6. Cutters 2/- each.
 No. 171W. A, 22/- B, 22/- No. 172W. 35/-.
- 23 No. 173W. 66/3. No. 174W. 6 & 8, 9/6, 10 & 12 10/3. Cutters 2/- each.
 No. 175W. 7/6 each. Cutters 2/6. No. 176W. Plus 200%.
- 24 No. 177W. 130/3.
- 25 Prices on application.
- 26 No. 178W. To No. 12, 2/- To No. 18, 2/3 each. No. 179W. 1/9 pair.
 No. 180W. 1" 10d., 1 $\frac{1}{4}$ " 11d., 1 $\frac{1}{2}$ " 1/-, 1 $\frac{3}{4}$ " 1/1, 2" 1/3. No. 181W. $\frac{1}{2}$ " 1/7, $\frac{3}{4}$ " 1/9, 1" 2/-.
 No. 182W. 1 $\frac{1}{4}$ " 1/6. 1 $\frac{1}{2}$ " 1/8 each. No. 183W. 1/3 each.
 No. 184W. 1/4 each. Set of 8, 10/6. No. 185W. 1" 8d., 1 $\frac{1}{2}$ " 9d., 2" 11d.
 No. 186W. 31/6. No. 187W. 16/-.
- 27 No. 188W. & No. 189W. Plus 125%.
 No. 190W. & No. 191W. 1 $\frac{1}{4}$ " 1 $\frac{1}{8}$ " 1 $\frac{3}{4}$ " 2" 2 $\frac{1}{8}$ " 2 $\frac{3}{4}$ " 2 $\frac{5}{8}$ "
 Single ... 1/11 2/4 2/7 2/8 2/11 3/2 3/3 3/5
 Double ... 3/5 3/9 4/- 4/6 4/9 5/- 5/3 5/6
 No. 192W. Single, 2 $\frac{1}{4}$ " 2/-, 2 $\frac{3}{8}$ " 2/3 each. Double 2 $\frac{1}{4}$ " 3/6, 2 $\frac{3}{8}$ " 4/- each.
 No. 192 $\frac{1}{2}$ W. 1/9. No. 193W. 2 $\frac{1}{2}$ " 9d., 3" 10d., 3 $\frac{1}{2}$ " 11d. No. 194W. 9d.
 No. 195W. 1/2. No. 196W. 10d. No. 197W. $\frac{3}{8}$ " 16/6, $\frac{5}{8}$ " 17/6, $\frac{7}{8}$ " 18/6.
- 28 No. 198W. 2/- Extra Irons 8d. each. No. 199W. 2/6.
 No. 200W. 2/- Extra Irons 8d. each. No. 201W. 2/9. Extra Irons 8d. each.
 No. 202W. 6/6. Extra Irons 1/- each.
 No. 203W. 6/- With Round Face 6/- Extra Irons 1/1 each.
 No. 204W. 1" 2/3, 1 $\frac{1}{8}$ " 3/9 each. No. 205W. 8/6 each.
- 29 No. 206W. Plus 150%. No. 207W. Plus 150%. No. 208W. 8/3 each. No. 209W. 7/- each.
 No. 210W. 14/- each. No. 211W. 12/- each.
- 30 No. 212W. 8/3 each. No. 213W. 18/- each. No. 214W. 22/6 each. No. 215W. 13/- each.
 Cutters 1/9 each. No. 216W. 17/- each. Cutters 1/9 each.
- 31 No. 217W. 14/6 each. No. 218W. 14/6 each. No. 219W. 8/- each. Irons 9d. each.
 No. 220W. 10/6 each. Irons 9d. each.
- 32 No. 221W. 1 $\frac{1}{2}$ " 2/- 1 $\frac{3}{4}$ " 2/- 2" 2/- each. No. 222W. 1 $\frac{1}{4}$ ", 1 $\frac{1}{2}$ ", 1 $\frac{3}{4}$ ", 2", 2/6 each.
 No. 223W. 2 $\frac{1}{4}$ " 2 $\frac{3}{8}$ " 3" 3 $\frac{1}{2}$ " 4"
 1/10 1/10 2/- 2/6 3/- each.
 No. 223 $\frac{1}{2}$ W. 2/9 2/9 3/- 3/6 4/- "
 No. 224W. 3/- 3/- 3/3 3/6 4/6 "
 No. 224 $\frac{1}{2}$ W. 4" 4 $\frac{1}{2}$ " 5" 5 $\frac{1}{2}$ " 6"
 4/6 5/- 5/6 5/9 6/6 each.
 No. 225W. 2 $\frac{1}{2}$ " 2/6. 3" 2/9 each. No. 226W. 2 $\frac{1}{2}$ " 4/- 3" 4/3 each.
 No. 227W. 2 $\frac{1}{2}$ " 5/6. 3" 5/9 each. No. 228W. 2 $\frac{1}{2}$ " 6/- 3" 7/6 each.
 No. 229W. 5/9 each. No. 230W. 8/6 each. No. 231W. 3/6 each. No. 232W. 8/6 each.
- 33 No. 233W. 14/- each. No. 234W. 7/- each. No. 235W. Cancelled. No. 236W. 5/6 each.
- 34 No. 237W. 57/6 each. No. 238W. Cancelled. No. 239W. Cancelled.
 No. 240W. 28/- each. Extra Irons, 4/- pair.
 No. 241W. 12/9 each. Cutters $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", 2/- each. No. 242W. 57/6 pair.
 No. 243W. 15/-, 16/8, 17/6, 19/6, 21/-, 22/-, 23/6, 24/- each. No. 244W. 39/- each.
 No. 245W. 27/6. Plated with Brass, 38/6 each.
 No. 246W. 8/- each. With iron, 9/6 complete.

- 35 No. 247W. 7/6 each. Cutters 2/- each. No. 248W. 6/3 each. Cutters 2/- each.
 No. 249W. 4" 8d., 5" 8½d., 6" 9d. each. No. 250W. 2/- each.
 No. 251W. 4" 10d., 5½" 1½ each. No. 252W. 2/6 each.
 No. 253W. 1/- each. No. 254W. 1/3 each. No. 255W. 1/8 each.
- 36 No. 256W. 4½" 3/6, 5" 3/6, 6" 4/3, 7" 4/9 each.
 No. 257W. 8" 4/-, 9" 4/6, 10" 4/6, 12" 5/3 "
 No. 258W. 8" 4/-, 9" 4/3, 10" 5/-, 12" 5/6 each.
 No. 259W. Coopers, 8" 5/-, 10" 5/6, 12" 6/- each. Wheelers, 8" 5/6, 10" 6/-, 12" 6/6 each.
 No. 260W. 3 hole, 2/9. 4 hole, 3/3. 5 hole, 5/3. 6 hole, 6/- each.
 No. 261W. Prices on application. No. 262W. 7/6 pair.
 No. 263W. ¼" 5/16" ¾" 7/16" 1" 9/16" 5/8" ¾" 3/4"
 11/- 12/- 13/- 15/- 17/3 18/- 21/9 31/6 per 100.
 1/3 1/6 1/7 2/- 2/2 2/3 2/6 3/6 per dozen.
- 37 No. 264W. 4/6 each. No. 264½W. 4/-, 4/6, 5/-, 5/6 each.
 No. 265W. 1/- each. No. 266W. Left 4/9. Right 3/3 each.
 Remainder of page, Prices on application.
- 38 No. 267W. ¼lb. ½lb. ¾lb. 1lb. 1½lb. 1¾lb. 2lb. each.
 1/3 1/9 2/3 3/- 3/9 4/- 5/- 5/6
 No. 268W. 1lb. 1/- 1½lb. 1/6. 2lb. 2/- 2½lb. 2/6 each.
 No. 269W. 3½ 4½ 6 8 10 13 16 20 ozs.
 2/3 2/6 3/- 3/6 4/- 5/- 6/3 8/6 each.
 No. 270W. 16/6 each. No. 271W. 3½" 10/6, 4½" 6/6 each. No. 272W. 15/6 each.
 No. 273W. Cancelled.
- 39 No. 274W. 2/4 each. No. 275W. 5/6 pair.
 No. 276W. 10" 48/- 12" 52/6 each. No. 277W. 10" 85/- 12" 95/- ea.
- 40 No. 278W. 6" 8" 10"
 Brass plated top ... 1/2 1/6 2/- each.
 Ditto. Tipped bottom ... 2/3 2/6 3/- "
 8" 10" 12"
 No. 279W. Brass plated top ... 2/9 3/3 4/- each.
 Ditto. Tipped bottom. ... 3/3 4/- 5/- "
 No. 280W. 6" 3/- 8" 3/- 10" 3/6. 12" 4/- each.
 No. 281W. 8" 4/- 10" 5/- 12" 6/- each.
 No. 282W. 8" 5/6. 10" 6/6. 12" 7/6 each.
 No. 283W. 6" 6/6. 8" 7/6. 10" 9/6. 12" 10/6 each.
 No. 284W. 2½" 2/- 3" 2/3. 4" 2/4 each.
 No. 285W. Best proved tubes, 4" 8/6, 6" 11/- each. Cat's Eye tubes, 4" 10/6, 6" 12/6 each.
 No. 286W. 2/- each. No. 287W. 3/- each.
 No. 288W. 1½" 8d., 2" 10d. 2½" 1/- 3" 1½ 3½" 1/3. 4" 1/7 each.
 No. 289W. 1½" 8d. 2" 10d. 2½" 1/- 3" 1½ 3½" 1/3. 4" 1/7 each.
 1½" 8d. 2" 10d. 2½" 1/- 3" 1½ 3½" 1/3. 4" 1/7 each.
 4d. 4½d. 6d. 6d. 7½d. 8½d. 11d. 1/- each.
- 41 No. 290W. 6" 3/-, 9" 3/9, 12" 4/9 each. Without Plumb, 6" 2/6, 9" 3/6, 12" 3/9 each.
 No. 291W. 6" 3/9, 9" 4/6, 12" 5/- each. No. 292W. 12" 4/-, 15" 4/3, 18" 5/- each.
 No. 293W. 24" 9/-, 27" 9/6, 30" 12/- each. No. 294W. 13/6 each.
 No. 295W. 15" 12/6 24" 19/- each. No. 296W. 24" 15/-, 27" 16/-, 30" 16/6 each.
 No. 297W. 6" 10/-, 8" 11/-, 12" 17/- each. No. 298W. 18/6 each.
 No. 299W. 24" A. 18/6, B. 14/6, C. 11/6 each. 30" A. 21/-, B. 15/6, C. 13/- each.
- 42 No. 300W. 13/-, 15/-. Leather case 15/- each.
 No. 301W. 18" 12/-, 24" 12/-, 30" 13/6 each. No. 302W. 13/6 each. No. 303W. 6/- each.
- 43 No. 304W. Polished box. Graduated square, 24" x 12" with proportional waist measurements, 10/6 each.
 No. 305W. 5/9 each. No. 306W. 24" 5/-, 30" 5/6, 36" 6/-, 42" 6/6, 48" 8/6 each.
 No. 307W. 6/- each. No. 308W. 24" 2/9, 36" 3/6, 48" 5/6, 60" 7/6, 72" 10/6 each.
 Brass tipped only, 2/9 each. No. 310W. Beech 2/- Boxwood 3/- each.
 No. 311W. 2/6, 3/- each. No. 312W. Plus 100%. No. 312½W. Plus 100%.
 No. 313W. Plus 100%. No. 314W. 2ft. 1/9. 3ft. 2/3 each.
- 44 No. 315W. ¾" 9d. 1" Cancelled. No. 316W. 1" 1/6, 1½" 2/-, 1¾" 2/3 each.
 No. 317W. 1" 5/- 1½" 5/6 each. No. 318W. 1" 6/6. 1½" 7/6 each.
 No. 319W. 1½" 10/- each. No. 320W. 1" 6/-, 1½" 10/6 each.

- 44 No. 321W. 1" 3/-, 1½" 3/3, 1¾" 3/9 each. No. 322W. 1½" 3/-, 1¾" 3/3, 1½" 3/9 each.
 No. 323W. 3/3 each. No. 324W. 5/6 each. No. 325W. 4/- each.
 No. 326W. 3/- each. No. 326½W. 1" 3/9, 1½" 4/6 each. No. 327W. 2/6 each.
 No. 328W. ½" 10d., ¾" 1/6 each. No. 329W. 2/- each.
 No. 330W. 2/6 each. No. 331W. 3/9 each. No. 332W. 4/6 each.
 No. 333W. 6/- each. No. 333½W. 5/6 each.
- 45 No. 334W. 6/6 each. No. 335W. 13/- each. No. 335½W. 18/6 each.
 No. 336W. 25/- each. No. 337W. ¾" 30/-, 1" 37/6 each. No. 338W. 1" 45/-, 1½" 50/- each.
 No. 339W. 4" 3/9, 6" 4/- each. No. 340W. 2/- each.
 No. 340½W. 1/3 each. No. 341W. 7/6 each. No. 342W. 7/6 each.
 No. 343W. 7/6 each. No. 344W. 1/- each. No. 345W. 1/6 each.
 No. 345½W. 2/- each. No. 346W. 2/3 each. No. 347W. 2/9 each.
 No. 348W. 2/- each. No. 349W. 2/6 each. No. 350W. 3/- each.
 No. 351W. 4/- each. No. 352W. 3/6 each.
- 46 No. 353W. to No. 357W. Plus 100%. Handled Chisels in Boxwood, Plus 125%.
 No. 359W. and No. 360W. Plus 50%.
- 47 Nos. 361W, 362W, 363W, 364W, 365W. Plus 100%. No. 366W. Plus 150%.
- 48 No. 367W. Plus 100%.
- 48 No. 368W. to No. 370W. Plus 100%. No. 371 to 373W. Plus 125%. No. 374W. Plus 100%.
- 49 No. 375W. and No. 376W. Plus 125%. In Boxwood handles, plus 150%.
 No. 377W. and No. 378W. Plus 150%.
- 50 No. 379W. 1/3 each. Boxwood handles 6d. each extra. No. 380W. Set of 6, 10/6. Set of 12, 21/-.
 No. 381W. ¾" 5/6, ½" 6/-, ¾" 6/6, ¾" 7/- each. No. 382W. 10d. each. No. 383W. 1/9 each.
- 51 No. 384W. to No. 390W. Plus 100%.
- 52 No. 391W. 3" 1/-, 4" 1/2, 5" 1/4, 6" 1/6, 7" 1/10, 8" 2/-, 9" 2/6, 10" 3/-, 12" 4/6 each.
 No. 392W. 1/3, 1/5, 1/7, 1/9, 2/-, 2/3, 3/-, 3/3, 3/9, "
 No. 393W. 1/6, 1/11, 2/3, 2/8, 3/-, 3/6, 3/9, 4/-, 5/-, "
 No. 393½W. Beech 1/- each. Boxwood 1/3 each.
 No. 394W. 3" 10d., 4" 1/1, 5" 1/2, 6" 1/5, 7" 1/8, 8" 1/9, 9" 2/3, 10" 2/6, 12" 3/6 each.
 No. 395W. 4" × ⅛", 7d. 6" × ⅛" 8d. 8" × 3/16" 10d. 10" × ¼" 1/- each.
 No. 396W. 2" 8d. 3" 8d. 4" 10d. each.
 No. 397W. 6" × ⅛" 1/6d. 8" × 3/16" 2/-. 10" × ¼" 2/6 each.
 No. 398W. 6" × ⅛" 1/-. 8" × 3/16" 1/2. 10" × ¼" 1/4 each.
 No. 399W. 2" 1/3. 2½" 1/6. 3" 1/10 each.
 No. 400W. Beech Handled 1/4. Boxwood Handled 1/10 each. ✕
 No. 401W. 2" 1/6. 2½" 1/8. 3" 2/- each.
 No. 402W. 3" 1/1, 4" 1/2, 5" 1/3, 6" 1/6, 7" 1/9, 8" 2/-, 9" 2/3, 10" 2/6 each.
- 53 No. 403W. 4" 2/-, 5" 2/-, 6" 2/2, 7" 2/3, 8" 2/4, 9" 2/9, 10" 3/2 each.
 No. 404W. 4½" 4/-, 5" 4/6 each.
 No. 405W. 3" × ¼" 2/6, 3" × ⅜" 2/6 each. No. 406W 12/6, 16/6 each.
 No. 407W. 11/6 each. No. 408W. 5/3 each.
- 54 No. 409W. A, 8/-, B, 10/- each. No. 410W. 9/- each. No. 411W. C, 12/-, D, 15/9 each.
 No. 412W. C, 4/-, D, 4/- set. Points only, 4/- doz. No. 413W. 2/3 each.
 No. 414W. 2/3 each. No. 415W. 1/2 each. No. 416W. Cancelled.
- 55 No. 417W. 2" 2/9, 3" 3/-, 4" 3/3, 5" 3/4 each.
 No. 418W. 2" 2/2, 3" 3/-, 4" 3/3, 5" 3/9, 6" 4/3, 8" 4/6, 10" 5/6, 12" 6/- each.
 No. 419W. Cancelled. No. 420W. Cancelled. No. 421W. Cancelled.
 No. 422W. 32/6 each.
- 56 No. 423W. 5/- each. No. 424W. 5/6 each. No. 425W. 6/9 each.
 No. 426W. 4/- each. No. 427W. Cancelled. No. 428W. 7/6 each.
- 57 No. 429W. 12/6 each. No. 430W. 15/- each.
 No. 431W. 6" 2/-, 8" 2/3, 10" 2/6, 12" 3/6 each. No. 432W. Cancelled.
 No. 433W. 8" 1/6, 12" 2/3 each. No. 434W. 22/6 each. No. 435W. 3/6 each.
 No. 436W. 5/6 each.

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- 53 No. 437W. 9/- each. Extra points 3/6 doz. No. 438W. 8/3 each. Extra points 3/6 doz.
No. 439W. $\frac{3}{8}$ " $\frac{1}{2}$ " $\frac{5}{8}$ " $\frac{3}{4}$ " $\frac{7}{8}$ " 1" $1\frac{1}{8}$ " $1\frac{1}{4}$ " $1\frac{3}{8}$ " $1\frac{1}{2}$ " 2"
8/6 8/6 8/6 9/6 11/- 12/- 13/- 14/6 19/- 24/- 30/- each.
Plus 10% on this row. Remainder of prices on application.
- No. 440W. $\frac{3}{8}$ " 15/-, $\frac{1}{2}$ " 15/6, $\frac{5}{8}$ " 16/6, $\frac{3}{4}$ " 19/6, $\frac{7}{8}$ " 25/-, 1" 26/6, $1\frac{1}{8}$ " 28/6, $1\frac{1}{4}$ " 30/- complete.
- 59 No. 441W. Cancelled. No. 442W. 2/6 each. No. 443W. 12/- each.
- 60 No. 444W. 5" 4/6, 8" 4/6, 10" 5/- each. No. 445W. 5" 4/6, 8" 5/6, 10" 6/- each.
No. 446W. 5" 6/-, 8" 6/6, 10" 7/6 each. No. 447W. 8" 6/-, 10" 6/6 each.
No. 448W. 6" 10/6, 8" 10/6, 10" 11/6 each. No. 449W. 12" 3/6, 18" 4/6, 24" 5/6 each.
No. 450W. 4/6 each. No. 451W. 1/- each. No. 452W. 10d. each.
No. 453W. 14" 11/-, 16" Cancelled.
- 61 No. 454W. 9" 3/6 each. 22/- 24/- No. 455W. 8" 7/6, 10" 9/- each.
No. 456W. 8" 18/-, 10" 34/-, 12" 17/- each. No. 457W. 8/6.
No. 458W. Bright 10/6, N.P. 11/6 each.
- 62 No. 459W. Bright, 8" 10/6, 10" 12/6 each. N.P. 5" 13/-, 8" 13/6, 10" 14/6 each.
No. 460W. 8" 15/-, 10" 16/- each. No. 461W. Cancelled.
No. 462W. 8" 16/-, 10" 17/- each. No. 463W. 25/- each.
- 63 No. 464W. 10" 15/-, 12" 16/6, 14" 18/6 each. No. 465W. No. 466W. No. 467W. Cancelled.
No. 468W. 12/9 each.
- 64 No. 469W. £4 10s. each. No. 470W. Prices on application.
- 65 No. 472W. 4/6, 6/-, 4/6. Moleskin cancelled. No. 473W. 2/9 each. No. 474W. 4/6 each.
No. 475W. Cancelled.
- 66 No. 476W. No. 477W. Plus 125%. No. 479W. $\frac{5}{8}$ " 2/6, $\frac{7}{8}$ " 2/9 each.
No. 480W. 1/6 each. No. 481W. 2/- each. Without gauge 1/8 each. No. 482W. 1/6 each.
With Fence 2/3 each. No. 483W. 2/3 each. No. 484W. 3/9 each. No. 485W. 1/6 each.
- 67 No. 486W. Plus 100%. No. 487W. Plus 75%. No. 488W. Plus 75%.
No. 489W. Plus 75%. No. 490W. Ordinary finish, plus 100%. Bright finish, plus 120%.
No. 491W. Plus 100%. No. 492W. Plus 150%.
No. 493W. 12" x 3/16" 2/-, 12" x $\frac{1}{4}$ " 2/-, 12" x 5/16" 2/3, 12" x $\frac{3}{8}$ " 2/3, 18" x $\frac{1}{4}$ " 3/- each.
18" x 5/16" 3/3, 18" x $\frac{3}{8}$ " 3/6, 24" x $\frac{1}{4}$ " 3/9, 24" x 5/16" 4/-, 24" x $\frac{3}{8}$ " 4/3 each.
No. 494W. 3/32" $\frac{1}{8}$ " 5/32" 3/16" 7/32" $\frac{1}{4}$ " 9/32" 5/16" 11/32" $\frac{3}{8}$ " 7/16" $\frac{1}{2}$ "
8d. 8d. 10d. 11d. 1/- 1/3 1/4 1/6 1/9 2/- 2/3 2/6 each.
No. 495W. 1/32" $\frac{1}{4}$ " 9/32" 5/16" 11/32" $\frac{3}{8}$ " 7/16" $\frac{1}{2}$ " 9/16" $\frac{5}{8}$ "
4d. 5d. 5d. 5d. 6d. 7d. 10d. 1/- 1/6 each.
- 68 No. 496W. No. 497W. No. 498W. Plus 100%.
No. 499W. No. 500W. No. 501W. No. 502W. Plus 100%. No. 503W. No. 504W. Plus 50%.
No. 505W. $\frac{1}{4}$ " 5/16" $\frac{3}{8}$ " 7/16" $\frac{1}{2}$ " 9/16" $\frac{5}{8}$ " $\frac{3}{4}$ " 1" $\frac{7}{8}$ "
1/3 1/3 1/3 1/5 1/6 1/8 1/10 2/3 2/6 3/- each.
Set of 9, 19/6. Set of 13, 27/6 set.
- 69 No. 506W. Black 25/-, Bright 30/-, Straw Coloured 35/- set.
No. 507W. Black 16/-, Bright 19/-, Straw Coloured 21/- set.
No. 507½W. 8/- set. No. 508W. 47/6 set. No. 508½W. 45/- set.
No. 509W. $\frac{1}{4}$ " 5/16" $\frac{3}{8}$ " 7/16" $\frac{1}{2}$ "
C. E. Jennings ... 2/9 2/9 2/9 2/9 2/9 each.
Russell Jennings ... 2/9 2/9 2/9 2/9 2/9 each.
C. E. Jennings ... $\frac{5}{8}$ " $\frac{3}{4}$ " $\frac{7}{8}$ " 1" $1\frac{1}{8}$ " $1\frac{1}{4}$ " $1\frac{3}{8}$ " $1\frac{1}{2}$ "
Russell Jennings ... 3/3 3/6 4/- 5/- 6/9 7/- 7/6 7/6 each.
No. 510W. $\frac{1}{4}$ " 5/16" $\frac{3}{8}$ " 7/16" $\frac{1}{2}$ " 9/16" $\frac{5}{8}$ "
2/6 2/6 2/6 2/6 3/- 3/3 each.
No. 511W. 57/6 set. No. 511½W. $\frac{1}{4}$ " to 1" complete, 47/6.
- 71 No. 512W. 42/6 set. No. 513W. 52/6 set. No. 514W. 57/6 set.
- 72 No. 515W. $\frac{1}{2}$ " to $1\frac{1}{2}$ " 7/6 $\frac{7}{8}$ " to 3" 11/6 $\frac{7}{8}$ " to 4" 15/6. $\frac{7}{8}$ " to 5" 19/6 each.
No. 516W. G, 14/- H, 17/6 each. No. 517W. Plus 100%.
No. 518W. 5/16" to 9/16" 2/3. 9/16" to $1\frac{1}{2}$ " 2/6. 1" to 2" 3/9 each.
No. 519W. Prices on application.
No. 520W. 9d. each. No. 521W. 9d each. No. 521½W. 1/6 each.
- 73 No. 522W. to 525W. Plus 50%.

- 74 No. 526W. No. 527W. No. 528W. Plus 75%.
 No. 529W. $\frac{1}{8}$ " 10/6, 9/16" 11/-, $\frac{5}{8}$ " 11/6 each complete.
 No. 530W. $\frac{1}{2}$ " 1/9, 9/16" 1/9, $\frac{5}{8}$ " 2/- each.
- 75 No. 531W. 3/6 each. No. 532W. 2/6 each, No. 533W. and 534W. 2/- doz.
 No. 535W. Cancelled. No. 536W. 4/- doz. No. 537W. $\frac{1}{8}$ " only at present, 1/3 each.
 No. 538W. $1\frac{1}{2}$ " 2/3, $1\frac{3}{4}$ " 2/9, $2\frac{1}{4}$ " 4/-, $2\frac{1}{2}$ " 4/3, $2\frac{3}{4}$ " 5/-, 3" 8/- doz.
- 76 No. 539W. and No. 540W. Plus 125%. No. 541W. Plus 75%.
 No. 542W. Plus 200% No. 543W. Plus 100%. No. 544W. 3/3 each.
 No. 545W. 4/6 each. No. 546W. 13/6 each.
- 77 No. 547W. Prices on application. No. 548W. 35/- each. Extra cutters 4/- each.
 No. 549W. $\frac{3}{8}$ " $\frac{1}{2}$ " $\frac{5}{8}$ " $\frac{3}{4}$ " $\frac{7}{8}$ " 1" $1\frac{1}{8}$ " $1\frac{1}{4}$ " $1\frac{3}{8}$ " $1\frac{1}{2}$ "
 6/6 6/6 7/- 7/9 9/- 9/6 10/6 12/- 12/6 13/6 each.
 No. 550W. 2/6 each. No. 551W. 2/3 each. No. 552W. 3/6 each.
 No. 553W. $\frac{3}{8}$ " 2/-, 7/16" 2/-, $\frac{1}{2}$ " 2/3, 9/16" 2/9 each.
- 78 No. 554W. 20" 9/6, 22" 10/6, 24" 11/-, 26" 11/6 each.
 No. 555W. 20" 10/-, 22" 10/9, 24" 11/6, 26" 12/-, 28" 13/6 each.
 No. 556W. 20" 10/-, 22" 10/9, 24" 11/6, 26" 12/-, 28" 13/6, 30" Cancelled.
 No. 557W. 20" 13/-, 22" 14/-, 24" 15/-, 26" 16/6, 28" 18/- each.
 No. 558W. 12/6 each.
- 79 No. 559W. 18" 9/9, 20" 10/-, 22" 11/6, 24" 12/6, 26" 13/6, 28" 13/9, 30" 15/- each.
 No. 560W. 10" 12" 14" 16" 18" 20" 22" 24" 26" 28"
 Best ... 4/3 5/3 6/6 7/6 8/6 9/- 10/- 11/- 11/6 12/6
 No. 560 $\frac{1}{2}$ W. 2nd quality ... 3/6 3/9 4/6 5/- 5/6 6/- 7/6 8/- 8/6 9/-
 No. 561W. 20" 10/6, 22" 12/-, 24" 13/-, 26" 14/- 28" 15/- each, with polished handle.
 No. 562W. 26" only. 16/9 each with skew back.
- 80 No. 563W. Cancelled.
 No. 564W. 8/6 each. No. 565W. 22" 10/6, 24" 11/-, 26" 11/6, 28" 13/6 each.
 No. 566W. 4/6 each. No. 567W. 10/6 each. Extra blade 5/6 each.
- 81 No. 568W. 8" 8/9, 9" 8/9, 10" 8/9 each.
 No. 569W. 12" 9/9, 14" 10/6, 16" 12/-, 18" 12/6 each.
 No. 570W. 12" 14/6, 14" 15/-, 16" 18/6, 18" 21/- each.
 Same as above, but lighter, 12" 12/-, 14" 13/-, 16" 15/-, 18" 17/- each.
 No. 571W. 8" 13/-, 9" 13/6, 10" 14/- each. Lighter pattern, 11/- each.
 No. 572W. 8" 5/6, 9" 5/6, 10" 5/6, 12" 6/6, 14" 7/-, 16" 8/6 each.
 No. 573W. 8" 3/9, 10" 4/-, 12" 4/6 each. No. 574W. 15/- with 14" blade.
 No. 575W. 8" 8/-, 10" 9/-, 12" 10/6, 14" 11/-, 16" 12/- each.
 No. 576W. 8" 10/6, 10" 11/9, 12" 12/6, 14" 13/-, 16" 16/6 each.
- 82 No. 577W. 4 4 $\frac{1}{2}$ 5 5 $\frac{1}{2}$ 6 7 feet
 14/- 16/- 19/- 20/- 24/- 28/- each. Handles 1/- pair extra.
 No. 578W. 15/- 16/- 19/- 20/- 23/- — each.
 15/9 17/6 19/3 21/6 23/6 27/3 each. Disston Make.
 No. 579W. 3ft. 15/-, 3 $\frac{1}{2}$ ft. 17/-, 4ft. 21/-, 4 $\frac{1}{2}$ ft. 23/- each. Extra handles 1/- each.
 No. 580W. 3ft. 16/-, 3 $\frac{1}{2}$ ft. 18/-, 4ft. 22/-, 4 $\frac{1}{2}$ ft. 24/-, 5ft. 25/- each.
 No. 581W. 4ft. 19/9, 4 $\frac{1}{2}$ ft. 22/-, 5ft. 24/-, 6ft. 31/-, 7ft. 37/6 each.
 Sharpening and setting, 6d. per foot extra.
 No. 582W. 5/- pair. No. 583W. 6/- No. 584W. 1/6 each.
 No. 585W. 3/- pair Plain Handles 1/6 pair.
- 83 No. 587W. & No. 588W. Plus 20%
- 84 No. 589W. 4" 4/6, 5" 6/-, 6" 7/-, 7" 8/-, 8" 9/6, 10" 13/-, 12" 16/-, 14" 22/-, 16" 25/6, 18" 32/-, } Less 15%
 20" 37/6, 22" 45/-, 24" 52/6, 26" 59/6, 28" 67/6, 30" 85/- 36" 126/- each.
- No. 590W. A B C D E F
 Spindle ... 2/- 2/6 3/- 4/- 5/3 7/6 each.
 Saw ... 4/6 4/6 6/- 7/- 9/6 13/- "
 No. 591W. 4" 5" 6" 7" 8" 9" 10" 11" 12"
 6/3 8/- 10/- 12/- 14/- 19/6 21/6 25/- 27/6 each.
- 85 No. 592W. Prices on application.
 No. 593W. 1" 1 $\frac{1}{8}$ " 1 $\frac{1}{2}$ "
 38/6 49/- 69/- each.
 With F & L. Pulleys ... 43/3 55/6 81/6 "

85	No. 594W.	Prices on application.	No. 595W.	Plus 50%.	No. 596W.	7/6 each.
86	No. 597W.	6/- complete Handles and Screws 2/- each. Compass Blade 1/6.				
	No. 598W.	Keyhole Blade 1/3. Pruning Blade 1/9 each.				
	No. 600W.	10/6 each.	No. 599W.	18" 6/-, 20" 6/6, 22" 7/3, 24" 8/6 each.	No. 601W.	6/- each.
	No. 602W.	12" 3/3, 14" 3/6, 16" 4/-, 18" 4/3 each.				
	No. 603W.	16" 6/6, 18" 7/6, 20" 8/3 each.			No. 604W.	7/6 each.
	No. 605W.	10/6 each. Hook only 8/- each.				
	No. 606W.	5" 1/3, 6" 1/6, 7" 1/9, 8" 2/- each.				
87	No. 607W.	Beech, large, 2/- each. Beech, small, 1/6 each			Best Ebony, large, 4/- each.	
	No. 608W.	Large 3/- Small 2/6 each.				
	No. 609W.	10" 4d., 12" 5d., Special Blue 7d each.				
	No. 612W.	2/- each. Blades only 7d. each.	No. 610W.	1/6 each.	No. 611W.	Cancelled.
		8" 10" 12" 14" 16" 18"				
		9/- 9/6 10/6 11/- 13/- 15/-				each.
		Blades ... 4d. 5d. 6d. 7d. 8d. 9d.				"
	No. 613W.	16" 18" 20"				
		Riveted ... 10/- 10/9 12/- each.				
		With Nut and screw ... 13/6 14/- 15/-				"
	No. 614W.	Tightening Rod for No. 612W., 9d. each extra.				
	No. 615W.	12" 5/6, 14" 6/6 each.				
	No. 616W.	A.B. Centennial, 3d. each. C. Eagle, small, 4d. Large, 5d D. Raised, 5d.				
		E. Iron, 5d. Brass screw for English Saws, 3d. each.				
	No. 617W.	Hand & Back Saw Handles 1/9 each. No. D8. 2/6 each. No. 7. 1/9 each.				
		No. 16. 3/- each.				
88	No. 618W.	8d. each.	No. 619W.	2/3 each.		
	No. 620W.	1/6 each. Plated 2/3 each. Brass faced 4/6 each.				
	No. 621W.	1/6 each.	No. 622W.	2/9 each.	No. 623W.	5/3 each.
	No. 624W.	4/- each.	No. 625W.	1/- each.	No. 626W.	2/- each.
	No. 627W.	2/9 each.	No. 628W.	2/6 each.	No. 629W.	3/- each.
	No. 630W.	4/- each.	No. 631W.	6/6 each.	No. 632W.	10/- each.
	No. 633W.	7/- each.				
89	No. 634W.	5/6 each.	No. 635W.	6/6 each.		
	No. 636W.	10/- each.	No. 637W.	11/- each.	No. 638W.	12/6 each.
	No. 639W.	14/6 each.	No. 640W. & No. 641W.	Cancelled.	No. 642W.	10/- each.
	No. 643W.	7/- each.	No. 644W.	8/- No. 21A. 5/6 each.	No. 645W.	Cancelled.
		3" 4 1/2" 6" 7 1/2" 9" 10 1/2" 12"				
90	No. 646W.	3/- 3/3 3/9 4/3 5/6 6/- 7/-				each.
	No. 647W.	Shield Plated 3/3 4/- 4/9 5/- 5/9 6/6 7/6				"
	No. 648W.	— 4/6 5/- — 6/6 — 8/9				"
	No. 649W.	8" 6/-, 10" 6/9, 12" 7/6 each.	Ebony, 8" 8/-, 10" 9/9, 12" 11/3 each.			
	No. 650W.	6" 3/-, 9" 3/9, 12" 5/- each.	No. 651W.	4" 2/9, 6" 3/- each.		
		4" 6" 8" 10" 12"				
	No. 652W.	2/3 3/- 3/3 4/3 5/3	each.			
	No. 653W.	2/6 3/- 4/- 4/6 5/6	"			
	No. 654W.	8" 4/-, 10" 4/6, 12" 5/6 each.				
		7 1/2" 9" 10 1/2" 12"				
91	No. 655W.	Rosewood ... 3/6 3/9 4/6 5/-				each.
		Ebony ... 4/- 4/6 5/- 5/6				"
	No. 656W.	Brass framed stock ... 7/- 7/3 7/9 8/6				"
	No. 657W.	5/- each.				
	No. 658W.	Brass, 9" 5/-, 12" 5/6 each. Tinned Iron, 9" 3/-, 12" 3/6 each.				
	No. 660W.	9/6 each.	No. 661W.	7/6 each.	No. 662W.	7/6 each.
	No. 663W.	12/- each.	No. 664W.	3/6 each.		
92	No. 665W.	No. 666W. No. 667W. No. 668W. Cancelled.	No. 669W.	9/-, 24" x 16".		
	No. 670W.	10/6 each 24" x 16".	No. 671W.	1/16ths, 12ths, 1/4", 24" x 16", 8/- each.		
	No. 672W.	6/6 each.				
	No. 673W.	Plain, 18" 7/6, 28" 10/- each. Graduated, 18" 11/3, 28" 15/- each.				
	No. 674W.	3/9 each.				
93	No. 675W.	No. 1, 2, 3, 2/6 each.	No. 676W.	17/6 each.	No. 676 1/2 W.	4d. each.
	No. 677W.	1/3 each.	No. 677 1/2 W.	7" only. 7/6 doz.		
	No. 678W.	Prices on application.	No. 679W.	Cancelled.		

	No. 0	1	2	3	4	5	6	7	8	
94	No. 680W.	1/3	1/4	1/5	1/6	1/8	1/11	2/-	2/3	2/6 each.
	No. 681W.	1/3	1/4	1/5	1/6	1/8	1/11	2/-	2/3	2/6 "
	Nos. 9 and 10 Cancelled.									
	No. 682W.	A, 6/-, B, 6/6, C, 7/-, D, 7/6, E, 10/- each. Cheaper make also stocked.								
	No. 683W.	0, 3/6, 1, 3/6, 2, 3/9, 3, 4/-, 4, 4/3, 5, 4/6, 6, 5/- each.								
	No. 684W.	Cancelled.								
	No. 686W.	Claw Pattern Tack Hammer, 1/3 each.								
	No. 687W.	1/3 each.								
	No. 689W.	No. 1, 3/6, No. 2, 4/-, No. 3, 4/6 each.								
	No. 690W.	No. 1, 4/-, No. 2, 4/6, No. 3, 5/- each.								
	No. 691W.	6/6 each.								
	No. 693W.	1 1/2 lb. 2/3 each. 2 lb. 2/6 each.								
95	No. 694W.	2lb. 5/3, 2 1/2 lb. 5/6, 3lb. 6/6, 3 1/2 lb. 7/-, 4lb. 8/3, 5lb. 10/9 each.								
	No. 695W.	No. 0, 3/-, No. 1, 3/6, No. 2, 4/-, No. 3, 4/6 each. No. 4, 5, 6, Cancelled.								
	No. 696W.	No. 1, 6/-, No. 2, 6/6 each. No. 3, Cancelled.								
	No. 697W.	No. 1, 7/6, No. 2, 8/-, each. No. 3, Cancelled.								
	No. 698W.	Cancelled.								
	No. 700W.	1 1/4 1 1/2 1 3/4 2 lb.								
		Bright Finish 5/6 6/- 6/6 7/- each.								
		Black 4/6 4/6 5/- 6/-								
	No. 701W.	Cancelled.								
	No. 703W.	3lb. 6/-, 4lb. 6/6, 5lb. 8/-, 6lb. 9/3 each.								
	No. 705W.	2/2 lb.								
	No. 707W.	3lb. 2/6, 3 1/2 lb. 2/-, 4lb. 1/10 per lb.								
96	No. 708W.	16" 11/6, 19 1/2" 14/-, 28" 25/- each. Cheaper quality, 16" 4/-, 23" 5/6 each.								
	No. 709W.	4 1/2" 2/6, 5" 3/3, 5 1/2" 3/6, 6" 3/6, 7" 3/9, 8" 4/6 each.								
	No. 710W.	9d. each.								
	No. 712W.	2/3 each.								
	No. 714W.	Nail Puller, 10/6 each.								
	No. 716W.	1/3 each.								
		12" 14" 16" 18"								
	No. 718W.	Round Bar ... 4/6 5/- 5/3 6/- each.								
		Oxagon Bar ... 6/- 6/3 7/3 8/6 "								
	No. 719W.	1/9 each.								
		No. 720W. 3/6 each,								
97	No. 721W.	No. 1, 4/6, No. 2, 4/6, No. 3, 5/6 each.								
	No. 722W.	A, 5/6, B, 5/9, C, 6/3 each.								
	No. 724W.	No. 1 2 3								
		5/3 5/3 5/6 each.								
		Solid ditto. ... 5/- 5/- 5/3 each								
		7/- 8/- 8/3								
	No. 724 1/2 W.	9/6 each.								
	No. 725W.	No. 726W. No. 1, 6/6, No. 2, 7/3, No. 3, 8/- each.								
	No. 727W.	9" 8/6, 10" 9/6, 11" 10/-, 12" 10/6 each.								
	No. 729W.	4/6 each.								
	No. 732W.	2" 8/6, 2 1/2" 10/6 each.								
	No. 735W.	7/6 each.								
		No. 736W. 7/6 each.								
98	No. 737W.	7/6 each.								
	No. 739W.	4 1/2" 3/6, 5" 4/- each.								
	No. 742W.	1/6 each.								
	No. 744W.	1 1/2" 2/3, 2" 3/-, 3" 5/6 doz.								
	No. 745W.	3/- each.								
	No. 748W.	2" 2/2, 2 1/2" 2/4, 3" 2/9 each.								
	No. 749W.	11/6 each.								
	No. 752W.	2/- each.								
		No. 738W. 5/- each. Extra Cutters 1/- each.								
		No. 740W. 3/6 each. No. 741W. 1/3 each.								
		No. 743W. 3/4 4/-, 1" 5/-, 1 1/4" 5/6 each.								
		No. 746W. 3/3 each. No. 747W. 3/6 each.								
		No. 750W. 1/6 per lb. No. 751W. 4/6 each.								
99	No. 753W.	No. 754W. No. 755W. Cancelled. No. 756W. Plus 100%.								
	No. 757W.	8" x 3/8" 1/6, 8" x 1/2" 1/9, 10" x 5/8" 2/-, 10" x 3/4" 2/6, 12" x 7/8" 3/3, 12" x 1" 3/9 each.								
		Other sizes cancelled.								
	No. 758W.	12" 18" 24"								
		5/8" dia. ... 1/4 1/8 2/9 each,								
		3/4 " " ... 2/4 2/9 3/6 "								

99	No. 759W.	4	8	12	16	20	ozs.			
		2/9	3/-	3/3	4/6	5/9	each.			
	No. 760W.	2/6	each.							
	No. 761W.	4	8	12	16	20	ozs.			
		2/9	3/-	3/3	4/6	5/9	each.			
100	No. 762W.	13/-	each.	No. 763W.	17/6	each.				
	No. 764W.	1 1/8" to 1 1/4"	5d. each.	In boxes containing one doz. 4/3 box.						
	No. 765W.	1 1/8" to 1 1/4"	6d. each.	In boxes containing one doz, 5/6 box						
	No. 766W.	3/16" 5d., 1/4" 5 1/2d., 3/8" 6d.	each.					Iron Handle Gimlets, 4/- doz.		
	No. 767W.	5/16" 1/-, 3/8" 1/3, 7/16" 1/7, 1/2" 1/9	each.							
	No. 768W.	4/-	set.	No. 769W.	1/2	each.	No. 770W.	5/6	set.	
	No. 771W.	12" x 1/4" 1/-, 18" x 1/4" 1/6, 24" x 5/16" 1/9, 30" x 5/16" 2/-, 36" x 5/16" 3/-	each.							
101	No. 772W.	4d. each.	Boxwood handled, 5/-	doz.	Blades, 2/-	doz.	Pattern Makers' Awls, 4/-	doz.		
	No. 773W.	Cancelled.	No. 774W.	7d. each.	6/-	doz.	No. 775W.	1/3	each.	
	No. 776W.	7d. each.	No. 777W.	7d. each.	5/6	doz.	Printers' Bodkins 4 1/2d.	each.		
	No. 778W.	1/6	each.	No. 779W.	Plus 100%.	No. 780W.	Plus 50%.			
	No. 781W.	8/6	each.	No. 781 1/2W.	22/6	each.				
102	No. 782W.	1/6	each.	No. 783W.	1/3	each.	No. 784W.	2/6	each.	
	No. 785W.	1/9	each.	No. 786W.	1/3	each.				
	No. 787W.	Up to	3/8" 2/-, 7/8" 4/3, 1" 5/9, 1 1/8" 7/6, 1 1/4" 10/-, 1 1/2" 12/-, 1 3/4" 14/6, 1 7/8" 19/6, 2" 25/-	each.						
	No. 788W.	3/6	set.	1/-	each.	No. 789W.	3/3	set.		
	No. 790W.	8d. each.	Nail Punches No. 1-3, 4d. each.	4-6, 8d. each.						
	No. 791W.	9d. each.								
	No. 792W.	3/16" to 3/8" 8/6	set.	1/4" to 7/16" 10/6	set.					
103	No. 793W. to	No. 797W.	Plus 100%.	No. 798W.	4/-	each.				
	No. 799W.	5/6	each.	No. 800W.	Polished 3/-, Black 2/6	each.				
	No. 801W.	1/3	each.							
	No. 802W.	5" 1/9, 6" 2/-, 7" 2/6, 8" 2/9	each.							
	No. 803W.	5" 4/-, 6" 4/-, 7" 4/6, 8" 5/-, 9" 5/6, 10" 6/6, 12" 8/-	each.							
	No. 804W.	Prices on application.								
104	No. 805W. to	No. 807W.	Plus 100%	No. 808W.	Plus 50%.					
	No. 809W.	7" 8/6, 8" 9/6, 9" 10/6, 10" 11/-, 11" 12/-, 12" 13/-, 13" 14/-, 14" 15/-, 15" 16/-, 16" 17/-, 17" 18/-, 18" 19/-, 19" 20/-, 20" 21/-, 21" 22/-, 22" 23/-, 23" 24/-, 24" 25/-, 25" 26/-, 26" 27/-, 27" 28/-, 28" 29/-, 29" 30/-	doz.	7" 9d., 8" 10d., 9" 11d., 10" 1/-	each.					
	No. 810W.	7d.	7d.	9 1/2d.	1/-	1/2	1/3	1/7	1/8	each.
	No. 811W.	9d.	10d.	11d.	1/3	1/4	1/6	1/10	2/6	"
					File Handles, 1/6	doz.				
105	No. 812W.	4/6	each.	No. 813W.	2/6	each.	No. 815W.	5d. each.	4/6	doz.
	No. 814W.	4d. ft. Leather back, Cancelled.								
	No. 816W.	10d. each. Cheaper pattern 6d. each.								
	No. 817W.	No. 818W.	No. 819W.	6d. each.						
	No. 820W.	1/2	each.	No. 821W.	11/-	doz.	No. 822W.	Cancelled.		
103	No. 823W.	36" 2/-, 60" 3/-, 72" 3/6	each.							
	No. 824W.	1/4" wide ...	... 3 ft.	4 ft	5 ft.	6 ft.				
		Brass Case ...	... 3/-	3/3	3/6	4/-				
		Nickel Silver Case ...	... 4/-	4/3	4/6	5/-				
		5/16" wide ...	... 9 ft.	12 ft.	18 ft.					
		Brass Case ...	... 4/3	6/6	8/6	11/6				
		Nickel Silver Case ...	... 6/6	8/6	11/6					
	No. 825W.	25	33	40	50	66	75	100	feet.	
		6/-	6/6	7/6	8/9	10/6	12/-	15/-	each.	
	No. 826W.	Cancelled.								
		25	33	50	75	100	feet.			
	No. 827W.	8/6	9/9	11/9	14/6	18/6	each.			
	No. 828W.	9/6	10/9	12/9	15/-	19/-	"			
	No. 829W.	Cancelled.	No. 830W.	Cancelled.						
107	No. 831W.	Cancelled.								
		25	33	50	66	75	100	feet.		
	No. 832W.	16/-	18/6	23/6	33/-	35/-	42/6	each.		
	No. 832 1/2W.	18/-	21/-	24/-	32/-	41/-	45/-	"		

107	No. 833W.	19/- 25	22/- 33	25/- 40	33/- 50	42/- 66	46/6 feet.	„
	No. 834W.	18/6	23/6	25/-	31/-	37/6	each.	
	No. 835W.	20/6	25/-	32/-	42/6	each.		
	No. 836W. to No. 838W.	Plus 100%.						
108	No. 839W.	36" 2/6	60" 3/4	72" 3/10	96" 5/-	each.		
	Marked English & Metric 6d. each extra.							
	No. 840W.	36" 3/6	60" 4/6	72" 5/3	96" 7/3	each.		
	No. 841W.	3 4/3	4 4/9	5 5/9	6 6/6	9 8/9	12 9/6	18 feet. each.
	No. 842W.	4/6	6/6	7/6	7/9	10/-	12/6	15/9 „
	No. 843W.	Cancelled.						
	No. 844W.	25 18/6	33 19/9	50 25/-	75 30/-	100 37/6	feet. each.	
	No. 845W.	8/9 each.						
	No. 846W.	12 10/6	18 12/-	25 16/6	33 21/-	50 25/-	feet. each.	
	No. 847W.	No. 848W. Cancelled.						
109	No. 849W.	No. 850W. Prices on application.						
110	No. 851W.	No. 852W. Cancelled. £2.10.0.						
	No. 853W.	5 8/-	10 15/-	25 30/-	50 55/-	lb. tin.		
	No. 854W.	Cancelled.						
	No. 856W.	1/-						
	No. 859W.	1/-						
111	No. 860W.	Tin 6d. Brass 9d.						
	No. 862W.	1/- each.						
	No. 864W. and No. 865W.	No. 861W. 2 3/4" 2/-, 3 3/8" 2/6, 3 3/4" 3/-, 4 1/4" 3/6 each.						
		No. 863W. Cancelled.						
		Fixed Copper Spouts.						
		Fixed Tin Spouts.						
		Inter-changeable Loose Spouts.						
		Extra Spouts.						
		A. ...	...	2/2	2/-	2/3	6d. each.	
		B. ...	...	2/4	2/2	2/6	7d. „	
		C. ...	...	2/4	2/6	3/-	9d. „	
		D. ...	...	3/6	3/-	3/6	1/- „	
	No. 866W.			15" 7/6	18" 7/9	24" 8/6	30" 9/6	36" 11/6 each.
		Steel ...	...	7/6	7/9	8/6	9/6	11/6 each.
		Copper or Brass		16/-	17/-	18/6	19/6	21/- „
112	No. 867W.	7/6 each.						
		No. 868W. 12/6 each.						
113	No. 869W.	8/6 each.						
	No. 872W.	6/- each.						
		No. 870W. 5/- each. No. 871W. 5/6 each. Larger size cancelled.						
		No. 873W. 6/6 each.						
114	No. 874W.	No. 875W. No. 876W. No. 877W. No. 878W. Approximate advance plus 75%.						
115	No. 879W.	No. 880W. No. 881W. Prices on application.						
	No. 882W.	No. 883W. No. 884W. Prices on application.						
116	No. 885W.	£6 19s. 6d. No. 886W. £4 10s. 0d. No. 887W. Cancelled.						
117	No. 888W.	No. 1. 7/- No. 2. 9/- No. 3. 12/6 pair.						
	No. 889W.	10/6 pair. No. 890W. 5/- pair.						
	No. 891W.	5/6, 6/9, 8/6, 10/6, 16/6 pair.						
	No. 893W.	Single 7/- Double 8/- Wood Handles 1/- each.						
	No. 894W.	10/- each. Extra Blades 2/3 each.						
118	No. 895W.	4 1/2" 2/-	5" 2/3	5 1/2" 2/6	6" 3/-	each.		
	No. 896W.	4" 1/3	5" 1/6	6" 1/8	7" 2/3	8" 2/9	9" 3/3	10" 3/9 each.
		Hollow or straight cancelled.						

118	No. 897W.	4½"	5"	5½"	6"	each.	
	No. 898W.	1/6 each.	Horn cancelled.				No. 899W. 4/6 each.
	No. 900W.	1/6 each.	No. 901W.	Prices on application.			No. 902W. 16/6 each.
	No. 903W.	15/6 each.	No. 904W.	9½" 6/6. 10" 8/6 each.			
	No. 905W.	4/- each.					
119	No. 906W.	10/6 each.	No. 907W.	23/6 each. Staples 4/- box.			
	No. 908W.	Superseded by improved pattern 12/6. Staples 1/- box.					
	No. 909W.	Cancelled.	No. 910W.	14/6 each.			
	No. 911W.	No. 1. 1/-	No. 2. 1/2	No. 3. 1/4 per box.			
	No. 912W.	Cancelled.	No. 913W.	3/- each.			
120	No. 914W.	1/6 each.	No. 915W.	2/6 each.			No. 916W. 2/- each.
	No. 917W.	1/3 each.	No. 918W.	1/6 each.			
	No. 919W.	4ft. 1/2, 5ft. 1/6, 6ft. 1/9 each.	Basswood 6d. each.				
	No. 920W.	12" 7d.	14" 7d.	16" 7d.	18" 9d.	each.	
	No. 921W.		18" 20"	22" 10d.	1/-	each.	
		Ash ...	7d.	10d.	1/2	1/4	"
	No. 922W.	Hickory ...	9d.	1/2	1/4	"	16"
			10"	12"	14"	"	7d. each.
		Hickory ...	5d.	5d.	6d.	7d.	"
		Ash ...	4d.	4d.	5d.	6d.	"
	No. 923W.	5d. each.					
	No. 924W.		12"	14"	16"	18"	
		Ash ...	4d.	4d.	5½d.	7d.	each.
		Hickory ...	5d.	6d.	7d.	8d.	"
	No. 926W.	1½" 1/-	2" 1/3	2½" 1/6	3" 1/9	3½" 2/-	4" 3/- each.
	No. 927W.	Round beech, 10" to 14" 3/-, 16" 3/3 each.	Round boxwood, 10" to 14" 3/6, 16" 3/9 each.				
		Oct. Boxwood. Cancelled.					
	No. 928W.	A. 4/6,	B. 6/6,	C. 8/9 each.			
	No. 929W.	4" 2/3	4½" 2/6	5" 2/9	5½" 3/-	6" 3/3	7" 4/- each.
121	No. 930W.	3/- doz. 3½ each.					
	No. 931W.	Beech, 3/- doz. 4d. each.	Boxwood, 5/6 doz. 6d. each.				
	No. 932W.	7/- doz. 7½d. each.	No. 933W.	5/6 doz. 6d. each.			
	No. 934W.	5/6 doz. 6d. each.	No. 935W.	8/- doz. 9d. each.			
	No. 936W.	½" 6d.	5/8" 8d.	¾" 9d.	1" 1/-	1/6 each.	Boxwood cancelled.
	No. 937W.	3" 8d.	4" 8d.	5" 10d.	6" 1/-	7" 1/3	8" 1/6
						1/6	1/6 each.
	No. 938W.	2½d. each.					
	No. 939W.	Iron Ferrules 1/6 doz. 16/6 gross.	Brass Ferrules, 1/8 doz. 19/- gross.				
	No. 940W.	Cancelled.	No. 941W.	1/- each.			No. 942W. 3/- doz. 3½d. each.
	No. 943W.	Small, 10½d. Medium 1/-.	Large 1/6 doz.	Ebony cancelled.			
122	No. 944W.	3/- each.	No. 945W.	4/- each.			No. 946W. 5/- each.
	No. 947W.	3/3 each.	No. 948W.	5/9 each.			
	No. 949W.	6/3 each. English pattern 3/6 each.					No. 950W. 5/6 each.
	No. 951W.	5/6 each.					
123	No. 952W.	Cancelled.	No. 953W.	7" 30/6, 9" 34/-, 10½" 35/- each.			
	No. 954W.	2½" jaw, 25/-, 2¼" jaw, 30/- each.					
	No. 955W.	Cancelled.					
	No. 956W.	10" 8/6, 12" 10/-, 14" 12/-, 16" 14/- each.	" All Bright "	cancelled.			
124	No. 957W.	24" 12/3, 30" 12/6, 36" 13/-, 42" 13/6, 48" 13/9 each.					
	No. 958W.	Cancelled.					
	No. 959W.	A. 9/-, B. 12/-, C. 16/- pair.					
	No. 960W.	Cancelled.	No. 961W.	Cancelled.			

125	No. 962W.	A. ...	3 19/-	3½ 20/-	4 21/-	4½ 21/9	5 22/-	6 —	7 —	feet. each.
		B. ...	27/-	28/-	29/-	30/-	31/-	33/-	35/-	"
	No. 963W.		10/6	11/-	11/9	—	—	—	—	"
	No. 964W.		14/-	—	16/-	—	17/-	19/6	—	"
	No. 965W.	24" 11/9, 30" 13/3, 36" 14/9, 42" 16/-	each.							
	No. 966W.	3 30/-	3½ 30/-	4 30/-	4½ 32/-	5 34/-	6 37/6	7 39/-	feet. each.	
		Lengthening Bars, 3ft. and above, 3/6 per ft.								
126	No. 967W.	30/- each.	No. 968W. Best 27/6.		2nd quality 21/- each.					
	No. 969W.	31/- each.	No. 970W. 35/- each.		No. 971W. 23/- each.					
	No. 972W.		3 27/-	4 29/-	5 31/-	6 33/-	7 35/-	feet. each.		
		Length Bars. ...	12/-	14/-	16/-	19/6	—	"		
127	No. 973W. and No. 974W.	Cancelled.								
	No. 974½W.	1" 5/-, 1½" 6/-, 1½" 7/6	each.							
	No. 975W.	16" 8/6, 18" 11/-, 20" 13/-, 22" 20/-	each.							
	No. 975½W.	6" 5/-, 8" 5/-, 10" 6/6	each.							
	No. 976W.	Cancelled.								
	No. 978W.	2½" 4/6, 2½" 5/-	each.							
	No. 979W.	Cancelled.								
			No. 977W. Cancelled.		No. 978½W. 3/9, 4/6, 5/- each.		No. 979½W. 6" only, 2/6 each.			
128	No. 980W.	3" 3/3, 4" 3/6, 5" 4/-, 6" 5/-, 7" 6/-, 8" 7/-	each.							
	No. 981W.	4" 6/6, 5" 6/9, 6" 7/-, 7" 9/6, 8" 11/-, 10" 12/-, 12" 12/6	each.							
	No. 982W.	2" 1/-, 3" 1/2, 4" 1/6, 5" 1/9	each.							
	No. 983W.	1½" 1/4, 2" 1/9, 3" 2/-	each.							
	No. 984W.	4" 9/-, 5" 9/9, 6" 11/3, 7" 11/9, 8" 13/9, 10" 15/6, 12" 17/9	each.							
	No. 985W.	2" 1/-, 2½" 1/8, 3" 1/11, 4" 2/7, 5" 3/6, 6" 4/6, 8" 4/9	each.							
	No. 985½W.	3" 3/3, 4" 4/6, 5" 6/-, 6" 7/6, 8" 9/-	each.							
	No. 986W.	4" 5/-, 6" 5/6, 8" 5/9, 10" 6/3, 12" 6/6, 18" 8/-, 24" 9/-	each.							
129	No. 987W.	4/- each.	No. 988W. 5/6 each.		No. 989W. Cancelled.					
	No. 990W.	4" 3/6, 6" 4/6, 8" 6/-, 10" 6/3, 12" 6/6	each.							
	No. 991W.	Best, 8" 1/9, 10" 2/3, 12" 3/-, 15" 3/9, 16" 4/6, 18" 5/6	each. 2nd quality cancelled.							
		No. 1 2 3 4 5 6								
130	No. 992W.	— 2/3 2/6 3/- 3/6 4/6	each.							
	No. 993W.	— 3/9 4/6 5/- 6/- 7/-	"							
	No. 994W.	Cancelled.		No. 995W. 50/- each.						
131	No. 996W.	10d. Small 3¼d.								
	No. 997W.	½ gill, 1/6, 1 gill, 2/3, ½ pint, 3/6, 1 pint, 5/9, 1 quart, 10/6, ½ gallon, 13/-, 1 gallon, 24/-.								
	No. 998W.	1/- each.								
	No. 999W.	6/0 4/0 3/0 2/0 0 1 2 3 4 5 6 7 8								
		2/7 3/3 3/6 4/- 4/3 4/9 5/9 7/- 9/- 10/6 11/6 14/- 15/6	each.							
	No. 1000W.	Cancelled.								
	No. 1001W.	No. 3 4 5 6 7 8	Other sizes cancelled.							
		5/- 6/3 7/6 8/3 9/6 10/6	each.							
132	No. 1002W.	7/- each.								
	No. 1003W.	With Turncrew End, 2/2 each. Without Turncrew End, 2/- each.								
	No. 1004W.	3/6 each.								
	No. 1006W.	3/6 each.								
	No. 1008W.	11/6 each.								
		No. 1005W. 8 slit, 1/3, 10 slit, 1/10 each.								
		No. 1007W. 16/6. Lamp 17/6 extra.								
		No. 1009W. Cancelled.								
133	No. 1010W.	4/6 each.		No. 1011W. 7/- each.		No. 1012W. Cancelled.		No. 1013W. Cancelled.		
	No. 1014W.	7/- each.		No. 1015W. A, 8/9 each. B, 12/6 each.		No. 1017W. 5/- each for Hand Saws.				
	No. 1016W.	6/6 each for Hand Saws.								
134	No. 1018W.	12/- each.		No. 1019W. 10/- each.		No. 1020W. 22/6 each.				
	No. 1021W.	A, 9/6 each. B, 10/- each		No. 1022W. Cancelled.						
	No. 1023W.	Prices on application.								
135	No. 1024W.	Cancelled.		No. 1025W. Cancelled.						
136	No. 1026W.	No. 1, 6/-; No. 2, 7/6 each.								
	No. 1027W.	No. 1, 2/6. No. 2, 3/-; No. 3, 4/- each.								
	No. 1028W.	2" 1/6, 2½" 2/6 each.								
		No. 1029W. 16/6 each.								

136	No. 1030W.	Takes Mouldings ...	No. 1 1 1/2 1/6	2 2 1/2 2/-	3 3 2/6	each.	
	No. 1031W.	No. 1032W.	Cancelled.				
137	No. 1033W.	22" x 4" x 5" £2 16 6 A	24" x 4" x 5" £2 19 0 B	26" x 4" x 5" £3 3 0 C	22" x 4" x 7" £3 3 0 D	24" x 4" x 7" £3 4 0	26" x 4" x 7" £3 8 0 each.
	No. 1034W.	50/-	53/-	55/-	69/6	each.	
	No. 1035W.	97/-	99/-	104/-	143/-	"	
	No. 1036W.	Prices on application.					
138	No. 1037W.	No. 1, 34/-.	No. 2, 51/9.	Extra Knives for, No. 1, 5/-.			
	No. 1038W.	Cancelled.					
139	No. 1039W.	A, £12 10s. Stand, £3 15s. B, £22 10s. Stand, £4 10s.					
	No. 1040W.	With Plane Iron, 2" £9 10s. Plane Iron 3 1/2", £13 10s. Plane Iron 4", Cancelled.					
140	No. 1041W.	7" £6 10s. 9" £11 10s. 11" £13 each.					
	No. 1042W.	Improved pattern, 23" x 10", £16 each.					
	No. 1043W.	18" x 5 1/2", £20. 20" x 6", £25 each.					
	No. 1044W.	Cancelled.					
141	No. 1045W.	No. 1046W. No. 1047W. Cancelled.					
	No. 1048W.	12" only, 5/- each.					
	No. 1049W.	1 3/8" thick. 24" 5/-, 30" 7/6, 36" 11/6, 48" 17/- each. 1/4" thick, prices on application.					
	No. 1050W.	3/- each.					
	No. 1051W.	Blades 1/- each. Handled in Rosewood 2/6 each. Handled in Ebony, 6/6 each.					
142	No. 1052W.	Basswood 16/6. Oak 25/6 each.					
	No. 1054W.	9" 2/6, 12" 3/9, 16" 5/3 each.					
	No. 1055W.		3 18/-	4 21/-	5 25/-	6 28/-	feet. each.
	No. 1056W.	Without Adj. Fence	12/-	15/-	19/-	21/6	"
			24/-	28/6	33/-	37/6	"
		Without Adj. Fence	18/-	22/6	27/-	31/6	"
143	No. 1057W.	Improved Type, 12/6. Post Free 14/-					
	No. 1059W.	3" 6/9, 4" 7/6 each.					
	No. 1061W.	3/- each.					
	No. 1062W.	3 1/2" 2/3, 4 1/2" 3/6, 6" 5/- each					
144	No. 1063W.	Cancelled.					
	No. 1064W.	23/6 each. Larger size, 1/6 per ft. extra.					
	No. 1066W.	With 4 stops, 10/6. Without stops, cancelled.					
145	No. 1067W.	Cancelled.					
	No. 1069W.	Improved pattern, 52/6. Write for particulars.					
146	No. 1071W.	to No. 1073 1/2 W. Plus 100%.					
148	No. 1074W.	1/4 each.					
	No. 1077W.	2/4 each.					
	No. 1080W.	No. 5, 2/-, No. 4, 2/-, No. 3, 2/-, No. 2, 2/-, No. 1, 2/3, No. 0, 2/3 each.					
	No. 1081W.	Cancelled.					
149	No. 1082W.	Set of 12, 25/- Set of 24, 49/- Set of 36, 72/-.					
	No. 1083W.	1/9 each.					
	No. 1084W.		8" x 3/8" 5/6	8" x 1/2" 6/6	10" x 5/8" 7/6	each.	
			Bright ... 7/-	7/6	8/6	"	
	No. 1085W.	3" 3/-, 3 1/2" 3/3, 4" 3/9 each.					
150	No. 1086W.	Beech, 10/6 Boxwood handles, 12/6 set.					
		Set of 6	12	18	24	36	
	No. 1087W.	15/-	30/-	48/-	60/-	65/-	each.
	No. 1088W.	—	30/-	42/-	55/-	—	"
	No. 1089W.	18/6	37/6	52/6	61/-	120/-	"
	No. 1090W.	Set of 7, 18/6. Set of 12, 30/- Set of 18, 45/-.					
151	No. 1091W.	£10 17s. 6d., complete.					

- 151 **No. 1092W.** Set of 6, 8/- set. Set of 12, 14/- set. In Cardboard box, 6/-, 13/6 set.
No. 1093W. £4 5s. complete.
No. 1094W. Cancelled. **No. 1094½W.** 40/- complete. **No. 1095W.** 16/6 each.
- 152 **No. 1096W.** 8/- each. **No. 1097W.** 2½" 2/6, 4" 3/9 each.
No. 1098W. 12" 2/6, 14" 3/-, 16" 3/6, 18" 4/- each.
No. 1099W. 12" 1/6, 14" 2/- each. **No. 1100W.** 12" 2/6, 14" 3/-, 16" 3/6 each.

	0/6	7	8	9	
No. 1101W.	2/3	2/9	2/9	3/6	gross.
No. 1102W.	5/-	6/6	7/-	7/6	"
No. 1103W.	3/6	3/9	4/6	—	"

No. 1104W. 3/- each. **No. 1105W.** 4/- each. **No. 1106W.** 5/- each.
No. 1107W. 6/6 each. **No. 1108W.** 7/6 each. **No. 1109W.** 10/6 each.
No. 1110W. 2/6 doz. **No. 1111W.** 1/3 per card.
- 153 **No. 1112W.** 6/- each. **No. 1113W.** Cancelled. **No. 1114W.** 3/- each. Cheaper cancelled.
No. 1115W. 1/- each. **No. 1116W.** Small, 1/6 each. Large, 2/6 each.
No. 1117W. and **No. 1118W.** Prices on application.
- 154 **No. 1119W.** to **No. 1137W.** Cancelled. **No. 1138W.** 1/6 each.
No. 1139W. Dull Nickel, 2/9 each. Nickelled and polished, 4/- each.
- 155 **No. 1140W.** 45/- each. Cheaper cancelled. **No. 1141W.** 59/6 each.
- 156 **No. 1142W.** **No. 1143W.** Cancelled. **No. 1144W.** £6 complete.
- 157 **No. 1145W.** Cancelled. **No. 1146W.** £5 5s. Circular Saw 8/6.
- 158 **No. 1147W.** 8" × 3" × ¾" 3/3 9" × 2" × 1" 4/- 9" × 2½" × 1" 5/- 10" × 2½" × 1½" 5/- each. According to weight, 5/- per lb.
No. 1148W. 4" 1/3, 4½" 1/6 each.
No. 1149W. 4" 1/6, 5" 2/-, 6" 2/3, 7" 3/6, 8" 4/3, 9" 5/6 each.
No. 1150W. 2/6 each.
No. 1151W. 2" × ¼" 7/6, 3" × ¼" 10/6, 4" × ¾" 14/-, 5" × ½" 19/6, 6" × ¾" 27/6 each.
No. 1152W. 4" × 1" × ¾" 1/- each.
No. 1153W. 7" × 2" × 1" 4/-, 8" × 2" × 1" 5/-, 9" × 2" × 1" 6/- each.
No. 1154W. Cancelled.
No. 1155W. Small, 1/6. Medium, 2/-. Large, 3/- each.
No. 1156W. 4" 4/-, 5" 4/6, 6" 5/-, 7" 5/9, 8" 6/6, 9" 7/6 each.
- 159 **No. 1157W.** 4½" × 1¼" × ¾" 8/6 5" × 1½" × ½" 15/- 5" × 2" × ½" 23/- 6" × 2" × 1" 25/- 8" × 2" × 1" 33/- each.
Hard 8/6 15/- 23/- 25/- 33/-
Soft 3/6 5/3 8/4 11/6 13/6
No. 1158W. 3½" × 1" 4/6, 4" × 1½" 7/-, 5" × 2" 12/6, 6" × 2" 18/-, 7" × 2" 22/-, 8" × 2" 24/- each.
No. 1159W. 3" × 1½" 4/3, 4" × 1½" 6/3, 3½" × 2" 6/6, 5" × 2" 8/6 each.
No. 1160W. 3/6 each. **No. 1161W.** 3/- each. **No. 1162W.** 6/6 set.
No. 1163W. 3" × ¼" 1/9, 3" × ¾" 2/6, 4" × ½" 3/- each.
No. 1164W. 3" × ¼" 1/9, 4" × ¾" 2/6, 4" × ½" 3/- each.
No. 1165W. Prices on application. **No. 1166W.** Cancelled.
All stones are supplied as near as possible to specification, but cannot guarantee exact.
- 160 **No. 1167W.** 2/3 each. **No. 1168W.** 1/-, 1/3, 1/6 each.
No. 1169W. 2/-, 3/-, 4/- each. **No. 1170W.** 1/-, 1/3, 1/6 each.
No. 1171W. 8" × 2" × 1" 2/- each. Gouge slip cancelled.
No. 1172W. 4" 2/-, 5" 2/6, 6" 3/-, 7" 4/6 each.
No. 1173W. 5" 6" 7" 8" 9"
A ... 2/- 2/6 3/6 5/6 10/6 each.
B ... 1/6 2/- 3/- 4/6 8/6 "
No. 1174W. Bilston. York.
6" × 2" ... 4/6 3/3
8" × 2" ... 6/- 4/-
10" × 2" ... 7/6 5/-
12" × 2" ... 10/- 6/-
14" × 3" ... 12/6 7/6
18" × 3" ... 16/- 10/-
24" × 4" ... 30/- 25/-

160	No. 1174W. (cont.)	Bilston.	York.	
	26" x 4"	...	35/-	27/6
	28" x 4"	...	47/6	35/-
	30" x 5"	...	65/-	45/-
	36" x 6"	...	105/-	67/6
161	No. 1175W.	3/6 each.	No. 1176W.	3/6 each.
	No. 1178W.	3/6 each.	No. 1179W.	3/6 each.
	No. 1181W.	3/6 each.	No. 1182W.	3/6 each.
	No. 1184W.	3/6 each.	No. 1185W.	2/6 each.
	No. 1187W.	2/6 each.	No. 1188W.	6/- each.
	No. 1190W.	2/6 each.	No. 1191W.	3/6 each.
	No. 1193W.	2/6 each.	No. 1194W.	2/6 each.
	No. 1196W.	6" x 1 1/8" x 3/4" 5/-, 6" x 2" x 1" 6/-, 7" x 2" x 1" 7/-, 8" x 1 1/4" x 1 1/4" 9/-, 8" x 2" x 1" 8/3 each.		
	No. 1197W.	Prices on application.		
162	No. 1198W.	6" x 2" x 1" 6/6, 7" x 2" x 1" 6/9, 8" x 2" x 1" 7/6 each.		
	No. 1199W.	6" x 2" x 1" 8/6, 7" x 2" x 1" 9/9, 8" x 2" x 1" 10/- each.		
	No. 1200W.	6/3 each.	No. 1201W.	7/3 each.
	No. 1203W.	5/- each.	No. 1204W.	4/- each.
	No. 1206W.	2/3 each.	No. 1207W.	1/6 each.
	No. 1209W.	3/6 each.	No. 1210W.	3/6 each.
	No. 1212W.	2/9 each.	No. 1213W.	2/- each.
	No. 1215W.	2/- each.	No. 1216W.	2/- each.
	No. 1218W.	2/6 each.	No. 1219W.	2/6 each.
	No. 1221W.	4/-, 5/- each.	No. 1222W.	No. 1223W.
	No. 1225W.	2/- each.	No. 1226W.	2/6 each.
			No. 1224W.	Cancelled.
			No. 1227W.	2/- each.
163	No. 1228W.	No. 145, 2/-, No. 146, 2/- each.	No. 1229W.	6/6 each.
	No. 1230W.	No. 108, 9/6, No. 110, 8/3, No. 109, 7/3, No. 111, 5/9, No. 112, 4/3 each.		
	No. 1231W.	Cancelled.	No. 1232W.	1 lb. 2/-, 1/2 lb. 1/-
	No. 1233W.	3/6 each.	No. 1234W.	12" only, 1/6 each.
	No. 1235W.	No. 2, 2 1/2, 1, 7/6 quire. 1/2, FFF. FF. F. 7/9 quire, 5d. per sheet.		
	No. 1236W.	Square. 3 Square. 1/2 Round. Round.		
		6" x 3/8" ... 3/-	3/6	4/- each.
		4" x 1/2" ... 2/-	2/9	3/- each.
	No. 1237W.	2/- each.	No. 1238W.	1/- each.
			No. 1239W.	2/- and 4/3 each.
164	No. 1240W.	Prices on application.		
	No. 1241W.	No. 180 181 182 183 184 185		
		4/3 4/3 4/3 3/3 3/3 3/3 each.		
	No. 1242W.	115-117 118-120 121-123 124-126 127-129 130-132 142-144 145-147		
		7/3 6/3 5/3 4/3 4/6 3/3 3/3 2/-		
	No. 1243W.	Cancelled.	No. 1244W.	2/6 each.
	No. 1245W.	No. 97, 3/9, No. 98, 3/9, No. 99, 3/9 each.		
	No. 1246W.	7/6 each.	No. 1247W.	Cancelled.
165	No. 1248W.	50/- each.		
	No. 1249W.	6" x 1 1/2" 13/6, 8" x 1 1/2" 18/-, 10" x 2" 22/-, 12" x 2" 25/-, 14" x 2 1/2" 32/6 each.		
	No. 1250W.	17" 4/-, 21" 4/6, 24" 6/- each.		
	No. 1251W.	3/4" 1/9, 1" 2/6 each.		
	No. 1251 1/2 W.	18" x 3" 15/-, 21" x 3" 16/-, 24" x 4" 20/- each.		
		Handle, 5/6. Crank and Screw, 4/6. Treadle and Rod, 7/- each.		
	No. 1252W.	Suitable for 24" stones, 39/9, 30" stones, 60/-, 36" stones, 77/6 each.		
		Treadle and Rod, 10/6 each.		
166	No. 1253W.	18" x 3" 18" x 4" 21" x 4" 24" x 4"		
		Wood Frame ... £3 15s. 6d. £4 1s. £5 1s. £5 15s. each.		
		Anti-Friction Rollers £4 3s. 3d. £4 8s. £5 10s. £6 6s. "		
	No. 1254W.	Iron Frame ... £4 13s. £5 3s. 6d. £6 16s. £7 11s. 6d. "		
		Anti-friction Rollers £5 1s. 6d. £5 12s. £7 4s. 3d. £8 1s. 9d. "		
	No. 1255W.	30" x 5" £12 2s. 3d., 36" x 5" £17 2s. 9d., 36" x 6" £19 8s., 42" x 6" £21 8s. 6d., 42" x 8" £24 3s., 48" x 8" £27 5s., 48" x 10" £30 4s. 9d., each. Pulleys, 10" 16/6, 12" 18/- ea.		

167	No. 1256W.	No. 1	2	3	4
	Double Action	... £8 5s.	£8 10s.	£11 11s.	£14 11s. 6d. each.
	Single Action	... £6 17s. 6d.	£7 5s. 9d.	£9 1s. 6d.	£12 13s. ,,
	No. 1257W.	No. 1258W.	No. 1259W.	Cancelled.	
168	No. 1260W.	For 18"×3" stones, 50/-, 18"×4" stones, 62/6 each. Wood case, 17/6 extra.			
169	No. 1261W.	Cancelled.	No. 1262W.	3/6 each.	No. 1263W.
	No. 1264W.	6/6. Improved pattern.			15/- each.
171	No. 1265W.	5/- each.	No. 1266W.	2/6 each.	No. 1267W.
	No. 1269W.	5/- each.	No. 1270W.	6/-.	Aeroplaning its Principle. 265 pages.
	No. 1271W.	Cancelled.			
172	No. 1272W.	1/- each.	No. 1273W.	No. 1274W.	Cancelled.
	No. 1275W.	1/6 each.	No. 1276W.	1/- each.	No. 1277W.
	No. 1278W.	1/6 each.	No. 1279W.	1/- each.	No. 1280W.
	No. 1281W.	1/6 each.	No. 1282W.	2/3 each.	No. 1283W.
	No. 1284W.	1/- each.	No. 1285W.	1/- each.	No. 1287W.
	No. 1288W.	1/- each.	No. 1290W.	Cancelled.	No. 1291W.
	No. 1292W.	1/6 each.	No. 1293W.	1/6 each.	1/- each.
	No. 1294W.	No. 1295W.	Cancelled.	No. 1296W.	1/6 each.
173	No. 1297W.	5" 2½d., 6" 3d., 8" 4d., 10" 6d. each.			
	No. 1298W.	4" 2½d., 5" 3d., 6" 4d., 7" 5d., 8" 6d., 9" 8½d. each.			
	No. 1299W.	4" 5" 6" 7" 8" 10" 12"			
		45° 1/- 1/3 1/9 2/- 2/2 3/3 5/- each.			
		60° 7d. 10d. 1/- 1/3 2/- 2/3 4/- ,,			
	No. 1300W.	No. 1301W.	Prices on application.		
	No. 1302W.	Same prices as No. 1299W.			
	No. 1303W.	18" 8/6, 24" 10/6, 30" 12/6, 36" 14/-, 42" 16/6 each.			
	No. 1304W.	Pearwood. 7" 4/-, 9" 6/- each. Ebony Edged. 7" 7/6, 9" 10/- each.			
	No. 1305W.	12" 1/-, 18" 1/2, 24" 1/9, 30" 2/-, 36" 3/- each.			
	No. 1306W.	2/3 each.	No. 1307W.	2/3 each.	No. 1308W.
	No. 1309W.	& No. 1310W. 19"×13½" 4/-, 23"×16" 5/9, 28"×19" 8/-, 31"×33" 11/- each.			
	No. 1311W.	No. 1312W.	Cancelled.		
174	No. 1313W.	Transparent. 4" 7d., 5" 1/3, 6" 1/9 each. Extra Thick. 4" 1/3, 5" 1/9, 6" 2/- each.			
	No. 1314W.	7d. each. 6/- doz. Stouter make, 1/3 each.			
	No. 1315W.	Prices as catalogue.			
	No. 1316W.	6" 2/2, 9" 3/3, 12" 4/-, 15" 5/6, 18" 6/6, each.			
	No. 1317W.	10d., 1/-, 1/3 each.			
	No. 1318W.	1/3 each.	No. 1319W.	1/6 each.	No. 1320W.
	No. 1321W.	1/6 each.	No. 1322W.	2/- each.	No. 1323W.
	No. 1324W.	2/6 each.	No. 1325W.	2/- each.	No. 1326W.
175	No. 1327W.	4" 1/6, 5" 1/9 each.		No. 1328W.	Cancelled.
	No. 1329W.	4" 2/-, 5" 2/6, 6" 3/3 each.		No. 1330W.	4" 3/9, 5" 4/- each.
	No. 1331W.	4" 7/-, 5" 8/6 each.		No. 1332W.	No. 1333W.
	No. 1334W.	Brass 3½" 1/3, 4½" 1/6 each.	Brass with bow top, 3½" 1/6, 4½" 2/- each.		
	No. 1335W.	7/6 each.	No. 1336W.	7/6 each.	
	No. 1337W.	4" 7d., 5" 1/1 each.		No. 1338W.	Cancelled.
	No. 1339W.	5" only, 3/9 each.		No. 1340W.	Cancelled.
	No. 1341W.	2/6 each.	No. 1342W.	Cancelled	No. 1343W.
176	No. 1344W.	Brass, 1/6 each.	No. 1345W.	No. 1346W.	Cancelled.
	No. 1347W.	Hardwood only. 12" 5/-, 16" 5/6, 18" 6/- each.			
	No. 1348W.	Brass, 12/-.		No. 1349W.	Electrum, 25/-.
	No. 1350W.	Electrum, 47/-.		No. 1351W.	Electrum, 51/-.
	No. 1352W.	Cancelled.	No. 1353W.	78/9 each.	
177	No. 1354W.	14/6 each.	No. 1355W.	8/6 each.	No. 1356W.
	No. 1358W.	Brass, 25/6. German Silver 34/- each.			No. 1357W.
					Cancelled.
					No. 1359W.
					Cancelled.

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No. 1432W. ~~7/6~~ each. *6/6*
No. 1435W. ~~22/6~~ each. *14/6*
No. 1438W. ~~95/-~~ each. *60/-*

No. 1433W. ~~10/6~~ each. *9/6*
No. 1436W. ~~45/-~~ each. *40/-*
No. 1439W. 31 Tools, ~~90/-~~ *80/-*

No. 1434W. ~~17/6~~ each. *12/6*
No. 1437W. Cancelled.
No. 1440W. 36 Tools, ~~117/6~~ *100/-*

188

No. 1441W. No. 1442W. No. 1443W. Prices on application.
No. 1444W. 33" x 16" x 15½" £3 10s. Empty and £13 10s. Complete.

189

No. 1445W. Complete, £6 5s. Empty, £2 17s. 6d.
No. 1446W. £25 10s.

190

No. 1447W. Complete 45/- Empty 13/6
No. 1448W. " 54/- " 16/-
No. 1449W. " 70/- " 18/6
No. 1450W. " 67/6 " 27/6
No. 1451W. " 90/- " 30/-
No. 1452W. " 98/- " 35/-

191

No. 1453W. " £21 10s. " 63/-
No. 1454W. " £25 10s. " 60/-

192

No. 1455W. " £6 15s. " 50/-
No. 1456W. " £7 10s. " 55/-
No. 1457W. " £8 10s. " 57/6
No. 1458W. " £10 17s. 6d. " 65/-

193

No. 1459W. Prices on application. No. 1460W. 5ft., £6 10s. No. 1461W. 5ft. £18 8s.
6ft. £21

194

No. 1462W. 5ft. £6 10s. 6ft. £7 10s., both with solid Beech Tops. Steel Jaw Vice as illustrated, 35/-.
No. 1463W. & No. 1464W. Prices on application.

195

No. 1465W. Cancelled. No. 1466W. 6/- Mahogany Stained, 8/6.
No. 1467W. Cancelled. No. 1468W. Empty, £14 15s. Tools, £8 5s. Complete, £23

196

No. 1469W. Cancelled. No. 1470W. £6 10s. Case 12/6.

197

No. 1471W. No. 1, 10/-, No. 2, 13/-, No. 3, 17/- each.
No. 1472W. No. 1, £5 2s. No. 2, £8 10s.

198

No. 1473W. £14 10s. No. 1474W. Cancelled.

199

No. 1475W. 6 Drawers, 3/9. 12 Drawers, Large size, 4/9 each.
No. 1476W. 9 Drawers, 11/6. 12 Drawers, 13/6 each.
No. 1477W. 4 Drawers, 24/6. 6 Drawers, 30/- 8 Drawers, 48/- 10 Drawers, 50/- each.
No. 1478W. 12 Drawers, 13/6. 14 Drawers, 16/-, 16 Drawers, 18/- each.
No. 1479W. 12 Drawers, 39/6 each.
No. 1480W. 20 Drawers, 27/-, 24 Drawers, 32/6, 36 Drawers, 42/6 each.
No. 1481W. Cancelled.
No. 1482W. Deal, 18 Compartments, 4/6 each Mahogany, 18 Compartments, 5/- each.
Mahogany, 24 Compartments, 8/6 each. Others cancelled.

200

No. 1483W. 10 Drawers, 39/6.
No. 1484W. No. 1485W. No. 1486W. No. 1487W. No. 1488W. No. 1489. Cancelled.
No. 1490W. 7 Drawers, 38/6, 8 Drawers, 42/-, 10 Drawers, 50/-, 12 Drawers, 52/6 each.
No. 1491W. 47/6 each. No. 1492W. 13/6 each.
No. 1493W. No. 1494W. No. 1495W. No. 1496W. No. 1497W. Cancelled.
No. 1498W. 72/- Boxes, 5/6 doz.

201 to 207

Prices on application.

208

Plus 100% generally.

209 to 211

Prices on application.

212

No. 1586W. 22/- each. No. 1587W. 29/- each. No. 1588W. Cancelled.
No. 1589W. 37/6 each. No. 1590W. 28/- each. No. 1591W. Cancelled.
No. 1592W. 26/- each. No. 1593W. 27/- each. No. 1594W. No. 1595W. Cancelled.
No. 1596W. 21/- each. No. 1597W. No. 1598W. No. 1599W. Cancelled.
No. 1600W. No. 1601W. Cancelled. No. 1602W. 37/- each.
No. 1603W. No. 1604W. No. 1605W. Cancelled.

213	No. 1606W.	No. 1607W.	Cancelled.	No. 1608W.	45/-.	Extra Points	29/-.	
	No. 1609W.	42/-.	Extra Points	No. 1610W.	Cancelled.			
	No. 1611W.	32/6.	" "					
214	No. 1612W.	39/6.	" "					
	No. 1613W.	50/-.	" "					
	No. 1614W.	55/-.	" "					
	No. 1615W.	Cancelled.						
215	No. 1616W.	A	B C D E F G H I J K L M N					
		4/- 4/3 4/6 1/6 1/6 1/9 1/6 1/9 2/- 2/- 1/- 1/6 1/3 1/3 1/3 1/-	each.					
	No. 1617W.	Cancelled.						
216	No. 1618W.	No. 1619W.	Cancelled.					
	No. 1620W.	Strip Iron	2/- per lb.	No. 1621W.	No. 1622W.	Cancelled.		
	No. 1623W.	2/9 each.	No. 1624W.	5" 2/6, 6" 3/-, 7" 3/6	each.			
	No. 1625W.	2/6 each.	No. 1626W.	3/- and 3/6	each.			
	No. 1627W.	& No. 1628W.	4" 1/6, 4 1/2" 1/8, 5" 1/9, 6" 2/-	each.				
217		Cancelled.						
218								
to		Prices on application.						
221								
222	No. 1679W.	No. 1, 3/3, No. 2, 4/3, No. 3, 4/6, No. 4, 5/-	each.					
	No. 1680W.	Large 4/6, Small 4/-	each.	No. 1681W.	4/6	each.		
	No. 1682W.	2 1/2" 3/6, 2 3/4" 3/9, 3" 4/6	each.					
	No. 1683W.	1" 5 1/2 d., 1 1/4" 6 1/2 d., 1 1/2" 7 1/2 d., 2" 1/3, 2 1/2" 1/10, 3" 2/9, 3 1/2" 4/3, 4" 6/-	each.					
	No. 1684W.	2 1/2" 3/6, 2 3/4" 3/9, 3" 4/6	each.					
	No. 1685W.	6/-, 8/6, 11/-, 18/6.		No. 1686W.	4/-	each.		
	No. 1687W.	1/-, 1/6, 2/-, 2/9, 6/-, 8/9, 15/-, 20/6	each.					
	No. 1688W.	2" 1/9, 2 1/2" 2/-, 2 3/4" 2/3, 3" 2/6, 3 1/2" 3/-	each.					
	No. 1689W.	5/-	each.					
	No. 1690W.	2 1/2" 6/-, 3" 7/-, 3 1/2" 8/6, 4" 10/6	each.					
	No. 1691W.	15" 4/6, 18" 4/9, 24" 5/-	each.					
	No. 1692W.	15 x 20 3/9, 18 x 20 4/6	each.					
	No. 1693W.	2" 2/-, 2 1/2" 2/2, 3" 2/6	each.					
	No. 1694W.	3/3	each.	No. 1695W.	2/6	each.		
				No. 1696W.	Cancelled.			
223	No. 1697W.	No. 1698W.	1/3	each.	No. 1699W.	Cancelled.		
	No. 1700W.	2" 1/-, 3" 1/-, 3 1/2" 1/1, 4" 1/6, 5" 2/-, 6" 3/3	each.					
	No. 1701W.	5/-	each.	Extra blades.	No. 1, 1/-, No. 2, 1/-, No. 3, 1/-, No. 4, 1/6	each.		
	No. 1702W.	4" 2/3, 5" 2/9, 6" 4/-, 7" 5/-, 8" 6/-	each.					
	No. 1703W.	2/4, 3/-, 4/-.	Best 5/-	each.				
	No. 1704W.	2/6	each.	No. 1705W.	1/6	lb.		
	No. 1706W.	1" 4/-, 1 1/4" 4/6, 1 1/2" 6/-, 2" 8/6	each.					
224	No. 1707W.	4 1/2" 1/3, 5" 1/4, 5 1/2" 1/5	each.					
	No. 1708W.	4 1/2" 1/6, 5" 1/7, 5 1/2" 1/8, 6" 1/9	each.					
	No. 1709W.	4 1/2" 1/3, 5" 1/4, 5 1/2" 1/5	each.					
	No. 1710W.	4" 1/3, 5" 1/4, 6" 1/5	each.					
	No. 1711W.	4" 1/6, 5" 1/7, 6" 1/8	each.					
		4" 5" 6" 7" 8" 10" 12" 14" 16"						
	No. 1712W.	... 1/1 1/3 1/6 2/- 2/2 3/2 4/8 5/- 6/6	each.					
	No. 1713W.	1/2 1/4 1/7 2/1 2/3 3/3 4/9 5/- 6/8	"					
	No. 1714W.	5 x 3 1/6, 6 x 3 2/3	each.					
	No. 1715W.	5 1/2" x 3" 2/6, 6" x 3" 2/9, 6" x 4" 3/-	each.					
	No. 1716W.	1/-	each.	No. 1717W.	Cancelled.	No. 1718W.	2/6 and 2/9	each.
225	No. 1719W.	& No. 1720W.	A, 2/9, B, 3/2, C, 2/10, D, 1/3, E, 3/3, F, 3/9, G, 3/6, H, 1/3	each.				
	No. 1721W.	10" 5/-, 11" 6/-, 12" 7/-	each.					
	No. 1722W.	10" 5/-, 11" 6/-, 12" 7/6	each.					
	No. 1723W.	24" 5/-, 30" 5/6, 36" 6/-, 42" 6/6, 48" 8/6	each.					
	No. 1724W.	See Page 43.		No. 1725W.	Cancelled.			
	No. 1726W.	5" 10d., 6" 1/-, 7" 1/3, 8" 1/6	each.					
	No. 1727W.	7" 2/6, 8" 3/-, 9" 4/-	each.					
	No. 1728W.	5" 3/-, 6" 4/-, 6 1/2" 4/6	each.	Extra Gauzes,	5" 9d., 6" 10d., 6 1/2" 1/-	each.		

Plus 20%.

Prices on application.

No. 1774W. $\frac{1}{2}$ " 9/- $\frac{3}{4}$ " 9/9 1" 9/9 $1\frac{1}{2}$ " 15/- 2" 16/6 $2\frac{1}{2}$ " 25/6 set.
Figures only ... 3/- 3/3 3/6 4/6 5/3 9/- each.
No. 1775W. 6d., 8d., 10d., 1/-, 1/4 each.

No. 1776W. 1" 11" 2" $2\frac{1}{2}$ " 3" 4" 5" 6"
3/6 5/6 7/- 9/- 11/- 14/- 18/- 22/- set.
Figures only 1/2 1/10 2/4 3/- 4/- 5/- 6/- 8/- each.

No. 1777W. $\frac{1}{2}$ " 15/- $\frac{3}{4}$ " 15/- 1" 15/6 $1\frac{1}{2}$ " 18/- 2" 26/- $2\frac{1}{2}$ " 32/- set.
Extra letters or figures 4d. 4d. 4d. 6d. 10d. 1/- each.

Sets No. 1774W. and 1777W. can be supplied in Zinc at above prices, less 33 $\frac{1}{3}$ %.
No. 1778W. $\frac{3}{8}$ " 2/-, $\frac{1}{2}$ " 2/3, $\frac{5}{8}$ " 2/6, $\frac{3}{4}$ " 2/9, $\frac{7}{8}$ " 3/-, 1" 3/6 per letter.
Quotations for sets on application

No. 1778 $\frac{1}{2}$ W.	Letters.	Figures.	No. 1779W.	Letters.	Figures.
1/16" ...	10/-	3/3		15/6	5/6
$\frac{1}{8}$ " ...	10/-	3/3		15/6	5/6
5/32" ...	11/6	4/-		16/6	6/-
3/16" ...	12/9	4/3		18/-	6/6
$\frac{1}{4}$ " ...	15/-	5/-		25/-	9/-
5/16" ...	18/9	6/3		30/-	10/6
$\frac{3}{8}$ " ...	24/6	7/6		39/6	14/6
$\frac{1}{2}$ " ...	32/6	10/9		46/-	18/-

No. 1780W. 5d. per letter, for three letters. 4 $\frac{1}{2}$ d. if more than 3 letters.

	No. 1	2	3	4	5
232 No. 1781W.	48/6	69/-	87/-	—	—
No. 1782W.	—	85/-	93/-	120/-	—
No. 1783W.	—	—	—	£6 10s.	210/6
No. 1784W.					

Prices on application.

Prices on application.

Prices on application.

234 No. 1788W.	2/- and 2/2 each.	No. 1791W.	3d per inch.	No. 1789W.	5/6 each.
235 No. 1790W.	4/- each.	No. 1794W.	4/6 and 5/- each.	No. 1792W.	3/- each.
No. 1793W.	3/6 each.	No. 1796W.	Prices on application.	No. 1797W.	1/6 each
No. 1795W.	Cancelled.				

236 No. 1798W.	2/- each.	No. 1799W.	3/- each.	No. 1800W.	1/6 each.
No. 1801W.	2/6 each.	No. 1802W.	2/- each.	No. 1803W.	2/- each.
No. 1804W.	3/6 each.	No. 1805W.	6/- each.	No. 1806W.	2/6 each.

No. 1807W. 5" 5/-, 6" 6/3, 7" 8/- each.

No. 1808W. 22/6 set.

No. 1810W. No. 1, 2/9, No. 2, 3/-, No. 3, 3/3 each.

No. 1811W. $\frac{1}{2}$ " 2/-, $\frac{5}{8}$ " 2/-, $\frac{3}{4}$ " 2/-, $\frac{7}{8}$ " 4/3, 1" 5/9, $1\frac{1}{8}$ " 7/6, $1\frac{1}{4}$ " 10/-, $1\frac{3}{8}$ " 12/-, $1\frac{1}{2}$ " 14/6, $1\frac{3}{4}$ " 21/-, 2" 25/- each.

No. 1812W. 18/- per doz.

237 No. 1813W.	10/6 per doz.	No. 1814W.	12/- per doz.	No. 1815W.	10/6 per doz.
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No. 1816W. 16/- per doz.

No. 1818W. 2/6, 2/8, 2/9 each.

No. 1819W. No. 1820W. Prices on application.

238 No. 1821W. "W.H.S." 10" 6/-, 11" 6/3, 12" 6/6, 13" 7/- each. Left hand to order

No. 1822W. 10" 3/9, 11" 4/-, 12" 4/3, 13" 4/6 each.

No. 1823W. 8" 3/6, 10" 3/9 each.

No. 1824W. 10" 7/-, 11" 7/3, 12" 8/- each.

No. 1825W. 5" 2/-, $5\frac{1}{2}$ " 2/1, 6" 2/2, $6\frac{1}{2}$ " 2/6, 7" 2/9, 8" 3/- each.

No. 1826W. 6" 3/-, $6\frac{1}{2}$ " 3/1, 7" 3/3, 8" 3/6, 9" 4/-, 10" 4/6 each.

No. 1828W. 6/6 each. Also specially made for reinforced concrete 6/6 each.

No. 1829W. 9/- each.

No. 1830W. 2/9 each.

No. 1827W. 5/- each.

- 239 No. 1831W. 5/6 each. No. 1832W. 5/6 each. No. 1833W. 5/- each.
 No. 1834W. 6/6 each. No. 1835W. A, 3/-, B, 3/6, C, 4/- each.
 No. 1836W. 10" 2/3, 12" 3/- each. No. 1837W. 10d. per lb. Handling 9d.
 No. 1838W. 3/6 each. No. 1839W. 7/- each. No. 1840W. 5/6 each.
 No. 1841W. 48" 7/6, 60" 10/6, 72" 11/6 each.
 No. 1842W. 7 lb. 3/6, 14 lb. 6/6 each.
- 240 No. 1843W. to No. 1851W. Plus 100%.
 No. 1853W. 1/- per ball. Knots 4d. and 5d. Cotton, 8d. hank.
 No. 1854W. Iron 1/-, Bright 2/- per pair.
 No. 1855W. No. 1857W. Cancelled. No. 1856W. Short and long, 6d. each.
 No. 1858W. 5/6 each. No. 1858½W. 3/9 each.
 No. 1859W. 1/9 each. No. 1859½W. 7" 5/-, 7½" 6/6, 8" 7/- each.
 No. 1860W. 5/6 each. Extra blades, 2/- each.
 No. 1861W. 11/6 each. No. 1862W. 9d. per lb.
- 241 Moulders' Tools. Plus 150%.
- 242 Prices on application.
- | | 4 | 5 | 6 | 7 | lb. |
|----------------|------------|------------|------------|------------------------|-------|
| 243 No. 1872W. | 2/6 | 3/- | 3/6 | 4/- | each. |
| No. 1872½W. | 2/6 | 3/- | 3/6 | 4/- | " |
| No. 1873W. | 2/9 | 3/3 | 3/9 | 4/3 | " |
| No. 1874W. | No. 1875W. | No. 1876W. | No. 1877W. | Prices on application. | |
- 244 See Garden Catalogue.
- 245 } Prices on application.
- 256 }
- 257 See Garden Catalogue.
- 258 No. 1979W. 70/- each. No. 1980W. 45/- each.
 No. 1981W. No. 1982W. Prices on application.
- 259 Cancelled. Send for particulars of present patterns.
- 260 No. 1988W. £10 10s.
- 261 } Cancelled.
- 264 }
- 265 No. 2000W. £15. Cutters 17/6 each.
- 266 Cancelled.
- 267 No. 2002W. £18 3s. No. 2003W. £22. No. 2004W. £20 7s.
 No. 2005W. No. 2006W. No. 2007W. Cancelled.
- 268 } Prices on application.
- 285 }
- | | Table. | Dessert. | Tea. | |
|----------------|---------------------------------------|----------------------|-----------------|------------------------------|
| 286 No. 2032W. | 10/6 | 8/- | — | 1 doz. |
| No. 2033W. | 10/6 | 8/- | 3/- | " |
| No. 2034W. | 10/6 | 8/- | — | " |
| No. 2035W. | 10/6 | 8/- | — | " |
| No. 2036W. | Table, 22/6 ½ doz. | Dessert, 16/6 ½ doz. | Tea, 8/9 ½ doz. | Egg, Salt Spoons, 8/- ½ doz. |
| No. 2037W. | 2/-, 3/-, 3/6, 5/6, 6/6 each. | | | |
| No. 2038W. | 11" 2/6, 12" 3/- each. | | | |
| No. 2040W. | 11" 4/6, 12" 5/- each. | | | |
| | Table. | Dessert. | Carvers. | Game Carvers. |
| 287 No. 2041W. | 14/- | 12/- ½ doz. | 12/- pair. | 3/6 each. |
| No. 2042W. | 19/- | 17/- " | 13/6 " | 12/6 " |
| No. 2043W. | 21/- | 19/- " | 14/3 " | 13/6 " |
| No. 2044W. | Prices on application. | | | |
| No. 2045W. | Tables, 9/9. Desserts, 9/- ½ doz. | | | |
| No. 2047W. | 10/-, 9/- ½ doz. | | | |
| No. 2049W. | Stag 4/- each. No. 2050W. 5/6 each. | | | |
| No. 2052W. | 3/-, 3/6, 4/- each. Ivory cancelled. | | | |
| No. 2053W. | Stag, 6/6. Imitation Ivory, 6/6 each. | | | |
| | | | No. 2046W. | Cancelled. |
| | | | No. 2048W. | Cancelled. |
| | | | No. 2051W. | Fluted, 6/6 each. |
| | | | No. 2054W. | 6/- each. |

- 287 No. 2055W. Stag or imitation, 6/- Ivory cancelled.
 No. 2056W. 12/- Ivory cancelled. No. 2057W. 3/6. Ivory cancelled.
 No. 2058W. 9/6, 10/6. Best, 10/3, 11/- With Ferrules, 16/6, 17/-.
 No. 2059W. Imitation Ivory, 19/6 per case.
 No. 2060W. 29/-, Best, 50/-, 5 pieces, 50/-, Best 95/-.
 No. 2061W. 25/- 5 pieces, 40/- Imitation Ivory. Remainder cancelled.
- 289 No. 2062W. 57/6 complete. Butter knife, 1/6 extra.
 No. 2063W. 9d. each. No. 2064W. 1/- and 2/- packet.
- 290 No. 2065W. 5" 3/3, 6" 4/-, 7" 4/9, 8" 5/6, 9" 6/6, 10" 7/-, 12" 10/- each.
 French Knives, prices on application.
 No. 2066W. 1/6, 2/- each. No. 2067W. 6" 2/-, 8" 2/9, 10" 3/9, 12" 5/3 each.
 No. 2068W. 10" 5/-, 11" 6/6, 12" 7/- each.
 No. 2069W. 10" 5/6, 11" 6/6, 12" 7/6 each. Stag cancelled.
 No. 2070W. 7/- each. No. 2071W. 3/- each.
 No. 2072W. 5" 1/-, 6" 1/3, 7" 1/6, 8" 1/9, 10" 2/9, 12" 4/3 each.
- 291 No. 2074W. 3 1/4" 2/-, 3 1/2" 2/3, 3 3/4" 2/6 each.
 2 3 4 Scissors.
 No. 2075W. No. 1 ... 8/- 10/- 12/- per case.
 No. 2 ... 9/6 12/- 15/-
 No. 3 ... 10/6 13/- 17/6
 No. 4 ... 12/- 15/- 19/6
 No. 2076W. 2/3, 2/9, 3/- pair. Bent Tail, 3/6, 4/6, 5/- pair.
 No. 2077W. 4" 3/3, 4 1/2" 3/3, 5" 4/-, 5 1/2" 4/3, 6" 4/6, 6 1/2" 5/3 pair.
 No. 2078W. 3/3 Pair. No. 2079W. 4/6 pair.
 No. 2080W. 4" 5/-, 4 1/2" 5/-, 5" 5/6, 5 1/2" 5/9, 6" 6/-, 6 1/2" 6/6 pair.
 No. 2081W. 4" 2/-, 4 1/2" 2/-, 5" 2/3, 5 1/2" 2/6, 6" 2/6, 6 1/2" 3/-, 7" 3/3, 8" 4/- pair.
 No. 2082W. 6" 2/6, 7" 3/-, 8" 3/6, 9" 5/-, 10" 6/-, 11" 7/6, 12" 9/6 pair.
 No. 2083W. 6" 5/-, 6 1/2" 5/6, 7" 6/- pair.
- 292 No. 2084W. to No. 2089W. Cancelled. No. 2090W. 7" 3/9, 8" 4/3, 9" 5/3, 10" 6/6 pair
 No. 2091W. 6" 4/-, 7" 5/6, 8" 6/-, 9" 6/6 pair. No. 2092W. 10" 9/-, 11" 10/6, 12" 11/- pair.
- 293 No. 2093W. 6/6 each. No. 2094W. 3/-, 5/- each.
 No. 2095W. 2/6 each. No. 2096W. 3/- each. No. 2097W. 8/6 each.
 No. 2098W. 15/-, 19/-, 22/- each. No. 2099W. 35/-, 27/6, 30/- each.
 No. 2100W. 8/6, 9/6, 10/6, 12/- each.
- 294 No. 2101W. 8/6 each. No. 2102W. 6/6 each. No. 2103W. Cancelled.
 No. 2104W. 4/- No. 2105W. Cancelled. No. 2106W. 42/6 each.
 No. 2107W. 5" 7/6, 6" 8/-, 7" 9/6, 8" 11/-, 9" 14/-, 10" 21/- each.
 No. 2108W. 30/- each.
- 295 No. 2109W. 21/- each. Stag 18/- each. No. 2110W. Chequered, 22/6 each.
 No. 2111W. 15/- each. No. 2112W. 8/- and 7/- each. No. 2113W. 22/6 each.
- 296 No. 2114W. to No. 2116W. Plus 150%.
 No. 2117W. 12/-, 10/-, 11/- each.
 No. 2119W. Prices on application.
 No. 2121W. 25/-, 75/- each.
 No. 2123W. 4/6, 6/-, 13/-, 13/-, each.
 No. 2125W. 3/- each.
 No. 2127W. 6/-, 7/6, 19/- each. Others cancelled.
- 297 No. 2128W. 2/6, 2/6, 4/3, 4/3 each. Rogers make, 3/6, 3/6, 6/-, 6/- each.
 No. 2129W. 3/3, 3/3, 7/-, 7/- each. Rogers make, 7/6, 7/6, 8/6, 8/6 each.
 No. 2130W. 4/-, 4/-, 6/-, 6/- each. Rogers make, 6/-, 6/-, 7/6, 7/6 each.
 No. 2131W. 2/6 each. No. 2132W. Cancelled.
 No. 2133W. 2/-, 3/- each. No. 2133 1/2 W. 1/6 each. No. 2134W. 4/6 each.
 No. 2135W. Cancelled. No. 2136W. 3/9 each. No. 2137W. 6/6 each.
 No. 2138W. 1/9 each. No. 2139W. 4/- each. No. 2140W. 1/9 each.
 No. 2141W. Cancelled. No. 2142W. 1/6, 2/-, 2/6 each.
- 298 No. 2143W. 2/6, 3/- each. No. 2144W. 4/-, 5/-, 6/- each. No. 2145W. See Garden List.
 No. 2146W. 2/6, 3/6, 4/- each. No. 2146 1/2 W. 5/6 each.
 No. 2147W. 6/-, 7/-, 8/- each. No. 2148W. Cancelled.

299	No. 2149W.	2/-, 2/6 each.	Hollow Ground, 3/6, 5/6 each.	Extra Hollow Ground, 5/6 each.	
	No. 2150W.	6/6, 10/6 each.	No. 2151W.	Black, 6/6. Ivory, 10/- each.	
	No. 2152W.	Black, 5/6, Ivory, 9/-, each.			
	No. 2153W.	2/- to 5/- each.	Pure Badger Hair, 9/-, 10/-, 12/6, 15/-, 17/6 each,		
	No. 2154W.	Cancelled.	No. 2155W.	3/-, 4/- each.	
300		Plus 100% generally.			
301		Cancelled at present.			
302					
to		Prices on application.			
312					
313		Cancelled.			
to					
316					
317	No. 2306W.	Two Sections.	14ft. to 8ft. ... 57/ 16ft. to 9ft. ... 64/- 18ft. to 10ft. ... 70/- 22ft. to 12ft. ... 86/- 26ft. to 14ft. ... 103/- 30ft. to 16ft. ... 123/- 34ft. to 18ft. ... 145/- 37ft. to 20ft. ... 167/- 41ft. to 22ft. ... 189/- 44ft. to 24ft. ... 211/- Three Sections. 20ft. to 8ft. ... 101/- 26ft. to 10ft. ... 121/- 30ft. to 11ft. ... 143/- 32ft. to 12ft. ... 165/- 36ft. to 14ft. ... 209/- 42ft. to 16ft. ... 253/- 48ft. to 18ft. ... 297/- 53ft. to 20ft. ... 341/- 58ft. to 22ft. ... 385/- 64ft. to 24ft. ... 429/- 70ft. to 26ft. ... 473/-		
	No. 2307W.	Feet when Folded		Feet when Folded	
		5 ... 18/-		10 ... 45/-	
		6 ... 25/-		12 ... 55/-	
		7 ... 30/-		14 ... 65/-	
		8 ... 35/-		16 ... 75/-	
		9 ... 40/-		18 ... 90/-	
318	No. 2308W.	5 6 7 8 9 10 11 12 13 14 15ft. high			
		10/- 11/- 13/6 15/- 16/6 18/- 20/- 21/- 23/- 25/- 28/-			
	No. 2309W.	7ft. 26/-, 8ft. 29/-, 9ft. 33/-, 10ft. 35/-.			
	No. 2310W.	2 3 4 5 6 7 8 9 10 11 12 14 16ft.			
		9/- 12/- 15/- 18/- 24/- 29/- 30/- 33/- 36/- 39/- 45/- 51/- 57/-			
	No. 2311W.	Lattice Steps, in Deal only.			
		Number of Treads 2 3 4 5 6 7 8 9 10			
		7/6 11/3 15/- 18/9 22/6 26/- 30/- 33/- 37/6 each.			
	No. 2312W.	Shaped Sides. 2' 6" 22/6, 3' 3" 27/-, 4' 6" 33/-, 4' 9" 39/-, 5' 3" 45/-, 6' 0" 51/- each.			
	No. 2313W.	Height, 1½ft. 13/6, 2ft. 15/-, 2½ft. 16/6, 3ft. 18/-, 4ft. 19/6 each.			
319	No. 2314W.	Prices on application.	No. 2315W.	2/- per foot. 6-18 feet.	
			No. 2316W.	Cancelled.	
320	No. 2317W.	to No. 2319W.	Cancelled.	No. 2320W. No. 2322½W.	
				Prices on application.	
321	No. 2323W.	No. 1, 15/-.	No. 2, 18/- each.		
	No. 2324W.	4/-.	Nickel Plated, 7/- each.	No. 2325W.	
				2/6 each.	
	No. 2326W.	6/-.	Nickel Plated, 12/- each.	No. 2327W.	
				8/6. Cheaper patterns, 5/6, 7/6 each	
	No. 2328W.	3/- each.	No. 2329W.	2/6 each.	
			No. 2330W.	6/-.	
				Nickel Plated, 12/- each.	
322	No. 2331W.	1/3, 2/- each.	No. 2332W.	1/-, 1/3 each.	
	No. 2333½W.	Cancelled.	No. 2334W.	1/6 each.	
			No. 2335W.	1/- each.	
	No. 2336W.	2/6 each.	No. 2337W.	10/6 each. Nickel Plated, 13/6 each.	

323	No. 2338W.	7/6 each.	No. 2339W.	2/6 each.	Champagne Nippers, 3/-, 5/6 pair.	
	No. 2340W.	1/2 each.	No. 2341W.	7d. each.	No. 2342W.	9d. each.
	No. 2343W.	1/2 each.	No. 2344W.	1/2 each.	No. 2345W.	Cancelled.
	No. 2346W.	1/- each.	No. 2347W.	1/6 each.	No. 2348W.	8d. each.
	No. 2349W.	No. 1, 4/3, No. 2, 4/6, No. 3, 4/9, No. 4, 5/6 each.				
	No. 2350W.	8" 6/-, 9" 7/-, 10" 8/-, 11" 9/-, 12" 10/- each.				
	No. 2351W.	3/- per lb.				
324	No. 2352W.	No. 2353W. Cancelled.				
	No. 2354W.	A, 15/6, B, 18/6, C, 26/- each. Cheaper patterns, 5/-, 7/6 each.				
	No. 2355W.	1/6, 2/-, 2/6 each.	No. 2356W.	1/6, 2/-, 2/6 each.		
325		Prices on application.				
327	No. 2361W.	to No. 2365W. Prices as List.				
	No. 2366W.	4/-, 4/3, 4/6 each. Prices of Metals on application.				
328		Cancelled.				
329		Cancelled.				
330	No. 2408W.	1 pint, 19/3 each.	No. 2409W.	Cancelled.		
	No. 2410W.	1½ pint, 23/9 each.	No. 2412W.	24/9 each.		
	No. 2413W.	1/6 each.	No. 2413½W.	1/- each.	No. 2414W.	21/3 each.
	No. 2415W.	No. 1, 10/6, No. 3, 12/- each.				
		" Compact " Outfits complete with Primus.	No. 2408W, 29/9.	No. 2410W, 35/3.	No. 2412W, 33/-	
	No. 2416W.	30/- each.	No. 2417W.	3/6 each.		
	No. 2418W.	No. 2419W. No. 2420W. Cancelled.				
	No. 2421W.	3/- each.				
331	No. 2422W.	Cancelled.	No. 2423W.	Cancelled.	No. 2424W.	1½ pint, 20/9 each.
	No. 2425W.	21/9 each.	No. 2426W.	19/6 each.	No. 2427W.	22/3 each.
	No. 2428W.	20/3 each.	No. 2429W.	23/3 each.		
	No. 2430W.	17/9 each.	No. 2431W.	Cancelled.		
	No. 2432W.	56/- each. With brass top, rails and pillars, 66/- complete.				
	No. 2433W.	42/6 each.	No. 2434W.	71/6 each.	No. 2435W.	4 pint, 39/9 each
	No. 2436W.	Cancelled.				
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336		Prices on application.				
336	No. 2455W.	Nos. 0, 1, 1½, F2, 28/9 Ream, 1/9 Quire. Nos. M2 & S2, 37/6 Ream, 2/- Quire.				
		Nos. 2½ & 3, 45/- Ream, 2/3 Quire.				
	No. 2457W.	Nos. 00, 0, FF, 1, 1½, 71/- Ream, 3/9 Quire. Nos. 2, 2½ & 3, 77/6 Ream, 4/6 Quire.				
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